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The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3144
VOL. CXXXII

MAY 11, 1940

Annual Subscription (with
Diary) 20/- Single Copies 9d.

THE MAKERS OF **DAGENAN—M & B 693***



Remind You

that

when buying pharmaceutical products which are available from several different sources, the standing of the manufacturer is the wisest guide to a satisfactory choice;

that

among many other products we manufacture Acriflavine, Ephedrine, Ether Anaesthetic "Baker's," Chloroform Anaesthetic "Baker's," *PLANOCHROME (Mercurochrome), *PLANOCAINE (Procaine Hydrochloride), of all of which you must have occasional need;

that

these products are unsurpassed for purity and reliability of action;

that

they are available at competitive prices.

* Trade Mark

PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD., DAGENHAM



FOUR YEARS OF RESEARCH ON 'ALKA- SELTZER!'

BRAND TABLETS

What it is and what it does

Here is full information concerning 'Alka-Seltzer' and the laboratory work on which the claims made for it in advertising are based.

'Alka-Seltzer' is intended and recommended for use in those simple conditions for which the public does not generally consult a physician.

'Alka-Seltzer' is composed of medicinal ingredients which the physician has used and found satisfactory over a great number of years. It is a tablet which contains five grains of acetyl salicylic acid, with sodium bicarbonate and citric acid; these are so combined in 'Alka-Seltzer,' that when dissolved in water they make a bubbling solution of sodium acetyl salicylate, sodium bicarbonate and sodium citrate.

To prove that the claims made for 'Alka-Seltzer' in our national advertising are true, four years have been spent in clinical experiments and study. The research problems covered are as follows:—

THAT the analgesic in 'Alka-Seltzer' is presented in the form of sodium acetyl salicylate.

THAT 'Alka-Seltzer' exerts a local antacid effect in the stomach.

THAT it provides a systemic alkalizing action after absorption.

THAT it tends to hasten gastric emptying time in cases of persistent gastric hyperacidity.

THAT it helps to relieve hyperacidity following alcohol consumption.

THAT it is more rapidly evacuated from the stomach than plain acetyl salicylic acid.

THAT it dialyzes more rapidly than acetyl salicylic acid suspensions.

THAT doses of ten to twenty grains of acetyl salicylic acid as such or as 'Alka-Seltzer,' exert no effect on the heart.

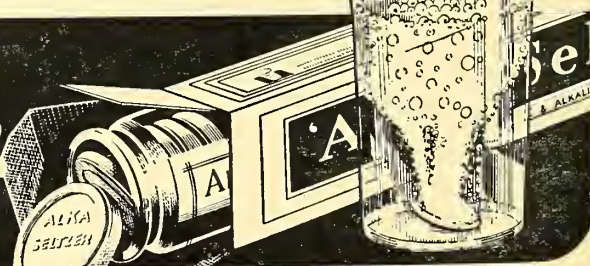
THAT 'Alka-Seltzer' increases the capacity of human subjects to do strenuous physical work.

THAT 'Alka-Seltzer' speeds recovery from fatigue.

You can recommend 'Alka-Seltzer' with confidence. Those who use it find it does what they hope it will. They come back for more.

SOLE DISTRIBUTORS: DON S. MOMAND LTD., 10-15, CHITTY STREET, LONDON, W.1

It pays to push
'Alka-Seltzer'
BRAND



LPE 65



Have you noticed the look of disappointment when you cannot supply the article demanded by your customer?

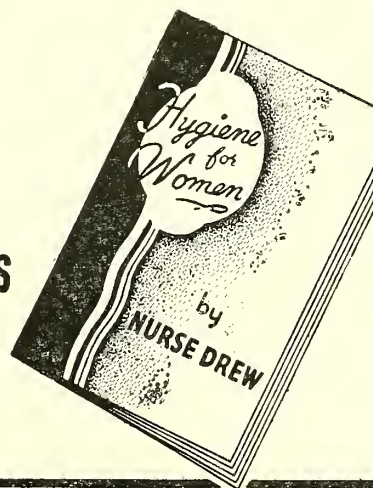
The promise to obtain it quickly is not the same thing. It can be purchased round the corner and thus a sale is lost and the goodwill that goes with it. *Perhaps for ever.*

Be wise in time and look to your stock of Rendells Products for Feminine Hygiene. Demand for the new lines MENSINOLE, SANTRON and SILATEX, to say nothing of RENDELLS, is increasing daily.

Nurse Drew's free booklet which is nationally advertised is creating this demand. These booklets on your counter will bring new business, and a permanent Rendell display gives confidence to regular customers.

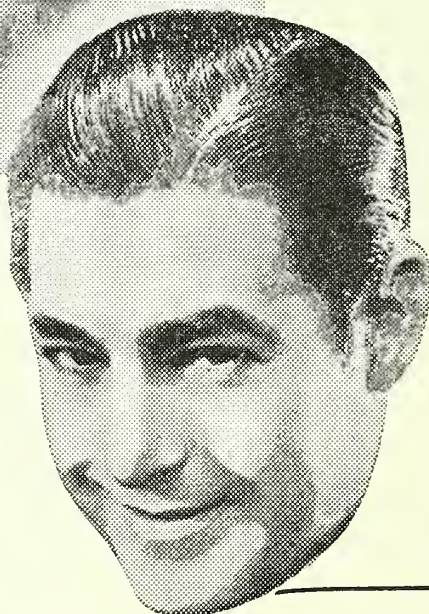
RENDELLS PRODUCTS

Send a postcard today to
W. J. RENDELL LTD., 161-5, ROSEBERY AVENUE, LONDON, E.C.1.
for the latest display material and place an order with your usual
wholesaler for a complete range of Rendells Products for Feminine Hygiene.





**SEND
YOUR
ORDER
TO-DAY**



HARLENE HAIR TOILET PREPARATIONS

—
Second
to
None
For Over
**50
YEARS**

HARLENE HAIR TOILET Preparations have enjoyed an uninterrupted demand for over 50 years. The public know them to be without equal. A large and extensive Advertising Campaign is constantly reminding them that for their every hair problem there is a Harlene answer. Check up your needs now from the range alongside. Make sure of obtaining a good stock because Harlene Shelves soon empty.

**EDWARDS
HARLENE LTD.**

20/26 Lamb's Conduit Street
London, W.C.1

H A R L E N E HAIR GROWER AND TONIC

CREMEX SHAMPOO

UZON BRILLIANTINE

HARLENE WAVE-SETTING LOTION

ASTOL HAIR COLOUR RESTORER

HARLENE CAMOMILE GOLDEN HAIR
WASH

HARLENE CAMOMILE SHAMPOO

HARLENE GOLDEN WAVE-SET

HARLENE HAIR CREAM

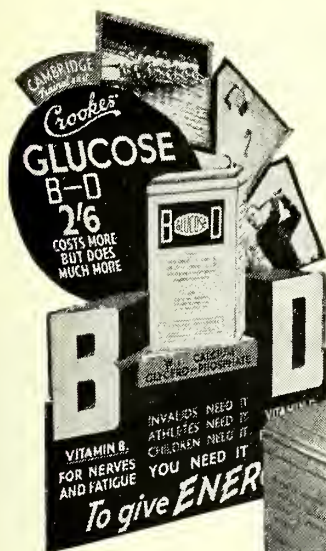
HARLENE Soapless
Brushless SHAVING CREAM

HARLENE SCALP OINTMENT

Tell Your Customers

GLUCOSE B-D

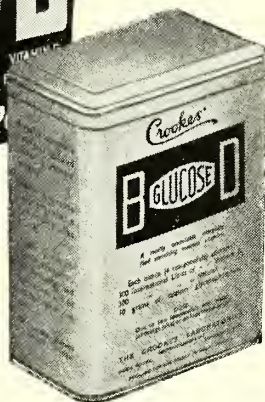
for



Attractive show-card in full colour which will tell customers that you stock Crookes' Glucose B-D.

Showcards free on request.

16-oz. tin 2/6



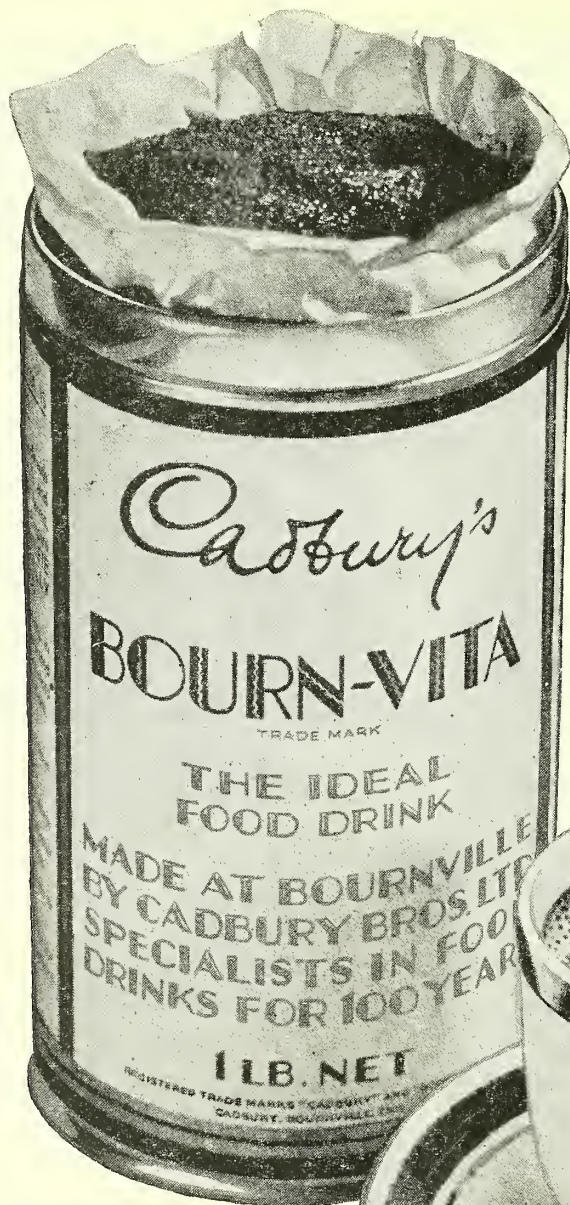
YOU can sell Crookes' Glucose B-D for children, for invalids, and for athletes. Tell your customers that they must replace the energy used up by Spring and Summer outdoor activities—and that Crookes' Glucose B-D provides the *natural* method of doing so. Tell them, too, that Crookes' Glucose B-D contains not only

Glucose—but also Vitamin B₁ for nerves and fatigue, Vitamin D to build bone and teeth, and Calcium Glycerophosphate to ensure maintenance of the correct calcium-phosphorus balance (in conjunction with Vitamin D).

Are you getting your full share of the business that is possible with this product? Order stocks now and use the showcard for a window display.

THE CROOKES LABORATORIES (British Colloids Ltd.) PARK ROYAL, LONDON, N.W.10
Telephone: Willesden 6313 (5 lines)

Telegrams: Collosols, Harles, London



**SOOTHES NERVES
AND PROMOTES
DEEP
REFRESHING
SLEEP**

**STILL AT
PEACE-TIME PRICE**

$\frac{1}{4}$ lb. 9d. $\frac{1}{2}$ lb. 1/5
1 lb. 2/9

Cadbury's
BOURN-VITA

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(continued overleaf)

Quick Dispensing

Can only be achieved by efficiency in every department. Cut out the uneconomical methods which cause annoyance in rush hour periods. You will give your customers better service, and do your work more easily if you use our

WASHED, DRIED AND PAPERED OR CAPPED MEDICAL BOTTLES

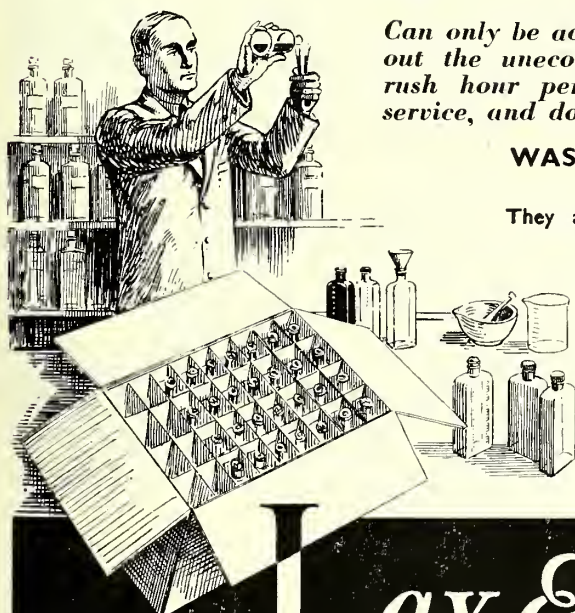
They are packed in non-returnable corrugated cartons in the following sizes and quantities—

- 6 doz. each 1 oz. and 2 oz.
- 4 doz. each 3 oz. and 4 oz.
- 3 doz. each 6 oz. and 8 oz.
- 2 doz. each 10 oz. and 12 oz.
- 1 doz. each 16 oz. and 20 oz.

We also supply Medical Flats in open corrugated Cartons as follows :

- 12 doz. 3 oz., 8 doz. 4 oz.,
- 6 doz. each 6, 8, 10, 12 & 16 oz.

If ordering from your Wholesaler specify "Lax and Shaw" and thus ensure entire satisfaction.



Three Factories :—
ALBERT
CLARENCE
DONISTHORPE

Lax & Shaw Ltd

ALBERT GLASS WORKS, LEEDS. 10.

Telephone: 21568 (2 lines) Telegrams: "Feeders," Phone, Leeds

London Office: ST. MARTIN'S HOUSE, 29 LUDGATE HILL, LONDON, E.C.4

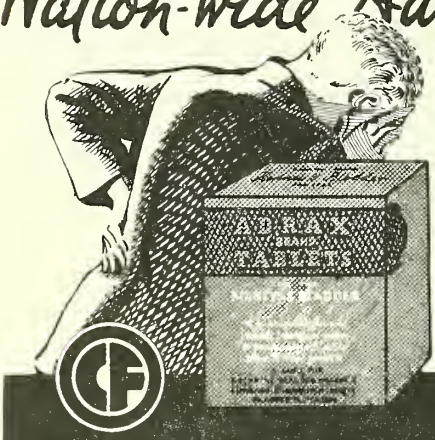
Telephone: CITY 7170

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Nation-wide Advertising introduces
NEW TRIAL PACK



AD RAX BRAND
DOUBLE TREATMENT FOR THE KIDNEYS and BLADDER

On May 1st extensive advertising for the **NEW 1/6 TRIAL SIZE** commenced in over 300 newspapers and magazines covering the United Kingdom. Strong, forceful "**ADRAX**" advertising is creating a demand for this **NEW 1/6 TRIAL SIZE**. See your stocks are ample to meet public demand.



**WRITE FOR DETAILS OF BONUS OFFER & DISPLAY MATERIAL TO
W.B. CARTWRIGHT LTD., LABORATORIES, RAWDON, LEEDS.**

The Standard of Reliability

PYRETHRUM & DERRIS PREPARATIONS



Harvesting Pyrethrum on our Long Melford Farm

STANDARDISED LIQUID EXTRACTS

STANDARDISED POWDERS

ROTENONE 90%

OLEO-RESINS



StaffAllens

STAFFORD ALLEN & SONS LTD

WHARF ROAD, LONDON, N.1 - Phone CLerkenwell 1000 (7 lines)

TAs/AL.20

Important NOTICE concerning FRUIT FLAVOURED LAXATIVES

To comply with recent legislation, the name "FRUIT LAXATIVES" has been altered to "FRUIT FLAVOURED LAXATIVES"

We shall be glad if all customers holding stocks labelled "Fruit Laxatives" will notify us of the quantity and style of pack, when Bands with new title will be forwarded to them.



FRESH FRUIT ESSENCES MAKE THIS EFFICACIOUS LAXATIVE MOST PALATABLE

TINS of 8. Show-outers of 3 dozen
(minimum 3 doz.)

3 doz. at 1/11. 6 doz. at 1/10
12 doz. at 1/8

TINS of 20. Show-outers of 1 dozen
4/3 doz. 3 doz. at 4/2. 6 doz. at 4/1

ENVELOPES Printed in attractive colours

	Under 1 gross	1 gross	2 gross
2's	8/3 grs.	8/- grs.	7/9 grs.
3's	9/9 "	9/6 "	9/3 "
4's	11/6 "	11/3 "	11/- "

Prices subject to market fluctuations

ARTHUR H. COX & Co. LTD. BRIGHTON

NEW

coffee-flavoured

'SANATOGEN'

nerve-tonic food

will keep your
cash-register
busy

No need to tell you how a *flavoured* 'Sanatogen' is going to increase the demand for this famous nerve-tonic food. And this coffee-flavoured 'Sanatogen' will appeal to every taste, to young and old alike. It possesses all the advantages of 'Sanatogen' and none of the disadvantages of coffee. The caffeine has been almost wholly extracted, leaving a pleasant drink which actually *encourages* sleep. So while some customers will buy it for a nerve-tonic food, others will buy it as a 'nightcap'—a double appeal that will more than double sales.

Considerable propaganda has been arranged for coffee-flavoured 'Sanatogen', so link up with it by displaying this grand new product along with the original 'Sanatogen' and you'll make new sales records.

RETAIL PRICE	TRADE PRICE
2/6 size	22/6 per doz.
3/9 "	33/9 " "
6/9 "	60/9 " "
12/6 "	112/6 " "
22/6 "	202/6 " "

A 'Genatosan' Product

(Registered Trade Mark)

The Registered Trade Mark 'SANATOGEN' applied to Nerve-Tonic Food, denotes a brand of casein and sodium glycerophosphate chemically combined by Genatosan Limited, the proprietors of the Trade Mark.

MORE AND MORE SHOPS ARE SAYING—

"In the PUBLIC INTEREST

we have fitted . . ."

The "Security" Window-Brace—at a nominal cost—protects your display and makes it possible for you to carry on. Not only this—it tells your customers that you have taken positive steps to ensure their safety, and to preserve your service to them. Progressive establishments realise that public appreciation goes to firms which take such measures. That is why prominent shops and showrooms like Rootes, National Cash Register Co., Salmon & Gluckstein, Yardleys, are all protecting their windows with the "Security" Window-Brace.

'SECURITY' WINDOW-BRACE

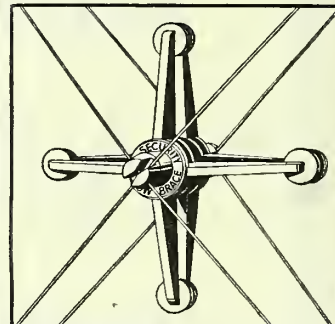
Distributors: J. R. BATEMAN, LTD., 11 Buckingham Street, London, W.C.2

Tel.: Temple Bar 3673.

Agents in all chief towns



The "Security" Window-Brace is held centrally on each side of the window by diagonal tension wires attached to the corners of the window frame. The principle—proved effective in exhaustive tests—is to provide the plate glass with firm but not entirely rigid support on either side, and by allowing it to flex safely, to enable it to absorb and consequently remain unharmed by shocks.



Prices 57/- to 75/- per window
Fitting extra



See them on the big shop windows!

Manufactured by the Sole Patentees, Window-Brace, Ltd., 11 Buckingham Street, W.C.2. World Patents Pending

THE PERFECT CLOSURE FOR ALL TYPES OF CONTAINERS

AIRTIGHT **SUBA-SEAL** UNBREAKABLE

REDG. TRADE MARK

THE ANSWER TO THE STOPPER PROBLEM

WILLIAM FREEMAN
C COMPANY LIMITED
GRAMS + SUBA-SEAL LEEDS

Britannia House
Wellington St., Leeds 1.
TELEPHONE: 24746

WORLD'S HEADQUARTERS FOR SPONGES

INTERNATIONAL SPONGE IMPORTERS, LIMITED
CRESSWELL BROS. BRANCH,
18 and 19 Red Lion Square, LONDON, W.
CHEAPEST HOUSE for Sponges & Chamois Leathers
WRITE FOR ILLUSTRATED PRICE LIST.

THE NATIONAL ASSOCIATION OF OPTICIANS

The next examination will be held at Edinburgh on Tuesday, Wednesday and Thursday, May 28th, 29th, and 30th.

REVISED SYLLABUS, ETC.

SECRETARY, N.A.O., 130 Princes Road, Liverpool, 8

OPTICAL TUITION

FOR THE
S.M.C., B.O.A. and N.A.O. DIPLOMA Examinations

Particulars:—
C. A. SCURR, F.S.M.O., F.B.O.A., F.N.A.O., F.I.O., F.O.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.

FOR PHARMACISTS ONLY

We have just produced a new series of Packed Goods Labels. It is an attractive coloured label, neat in design, and the wording perfectly distinct and legible. Ideal for Modern Windows. Bow Fronted Panel Bottles with Bakelite Screw Caps are used wherever possible throughout the series. The spacing and setting of the name and address is given special care and attention.

Lastly, but most important of all, the quality of the ingredients is the finest possible.

Modern Windows, Counters and Cases deserve Modern Labels.

If this interests you, send for a specimen pack to:

GALE, BAISS & COMPANY, LTD.
274-276 ILDERTON ROAD, LONDON, S.E.15

INCORPORATING THE BUSINESSES PREVIOUSLY CARRIED ON BY
GALE & CO. LTD. and BAISS BROS. & CO. LTD.
(ESTABLISHED 1786) (ESTABLISHED 1833)

Phone: New Cross 0094 Grams: "Dreadnought", Peck, London "

Even more
On active service!



Curly Top

Curly Top—wages daily warfare against every mother's dread of straight hair for her baby. All mothers want their babies and toddlers to have NATURAL CURLS. Curly Top creates them. Always an active line, Curly Top sales are going up by leaps and bounds in war-time. It is the mother's natural reaction to present-day conditions.

Vosene

Vosene—the new three-in-one hair treatment—gives full shampoo efficiency, thorough medication, and adds new life and lustre to the hair. Dandruff, dryness, dullness, brittleness are all enemies of hair beauty, which women are eager to conquer, hence the steady saleability of Vosene.

Vosemar

Vosemar—on the home front and in the forces, women everywhere are giving themselves NATURAL, lasting, curls with Vosemar. Our constant and extensive advertising programme is sending them, in greatly increasing numbers, into our friends, the retail chemists.

Attractive Showcards sent FREE on request

Vosemar Ltd • Bury • Lancashire

Houbigant's Perfumery and Toilet Goods

★
STOCKS AVAILABLE

BUTLER & CRISPE — LONDON, E.C.1

82 CLERKENWELL ROAD—E.C.1

STOCK—

'DAWN' RAVELPROOF
FACE CLOTHS

—and increase your face cloth business

'Dawn' Ravelproof Face Cloths are made in a range of qualities at various prices. All produced in assorted colours, attractively packed in 'Cellophane' and ready to hand over. A face cloth that is different and never gets slimy. Ask for the new 14" DAWN Sponge Cloth. Obtainable from your usual Wholesaler.

JACQUESIL FABRICS Ltd. Red Bank Mill, RADCLIFFE, Lancs.
London Agent: G. H. Bolton, Oxford Hse., Falcon Sq., Aldersgate St., E.C.1

BRITISH OPTICAL INSTITUTE, LTD.

Fern Lodge, 47 Groveway, Brixton, S.W.9

COMPLETE TRAINING FOR THE CONSULTING OPTICIAN

Full-time and Part-time Courses including clinical work

Recognised by the B.O.A. as a Training Centre for all sections of the Fellowship examination

The PIFCO Home VIBRO-MASSAGER

A sure sales winner at

27/6

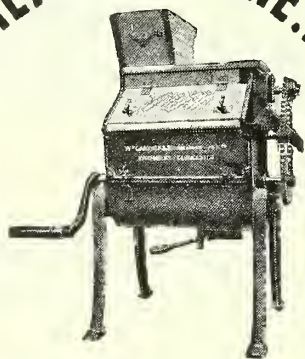
RETAIL

Efficient, quiet, safe and reliable. Complete with 4 applicators in mirror lined case. Unbeatable in price and use

PIFCO LTD. Watling St. Manchester
London Address: 58 City Road, E.C.1



A GREAT MACHINE...



...This little
GARDNER
SIFTER & MIXER
For the Chemist & Druggist

Can be supplied for hand or power drive. Capacity 15 lbs. per mixing. It differs only in size from the larger machines which are made in capacities up to 20 tons.
Wm. GARDNER & SONS (Gloucester) LTD.
Bristol Road, Gloucester Telephone: 2288 (3 lines)
LONDON: 19 Gray's Inn Chambers, 20 High Holborn, W.C.1 Telephone: Chancery 7347

Good Profits
Quick Sales

MASON'S EXTRACT OF HERBS

Mason's Dried Yeast 9d. per tin. 7s. 3d. doz.
Mason's Sweetening 7½d. pkt., pkd. in display container 6s. doz. (subj.)

for home-brewing Mason's Herb Beer—the delicious drink. 9d. bott. 7s. 3d. doz. (subj.) Supply other Necessary Ingredients MASON'S DRIED YEAST, easy to use. MASON'S SWEETENING—guaranteed pure—no saccharin, the perfect sugar substitute
NEWBALL & MASON LTD., NOTTINGHAM



CACHETS "FINOT"

(White or Coloured)

With inscriptions in any desired tint: also Plain or Embossed.
"A distinction all their own."—C. & D.

These Cachets are especially adapted for Headache, Neuralgia and other powders.

COOPER SON & CO. LTD., 120 Gloucester Road, SOUTH KENSINGTON, In 17 sizes to fit the various types of Cachet Machines.

RESUFLIN

3/- & 5/-

STOCKED BY LEADING WHOLESALE HOUSES



RESUFLIN LIMITED
288 CORN EXCHANGE, MANCHESTER, 4

THE MOST EFFECTIVE
ASTHMA & BRONCHITIS TABLETS
Medical Science has produced

Numerous grateful letters have been received from sufferers in all walks of life.

ASTHMA

Display Cards and Cartons of 1 doz. 6d. Tubes. Display Cartons of 1 doz. 1/- Tubes. Aluminium Containers 2/6.

APPLIED BEFORE WORK

Also
OINTMENT
in Tubes
6d. & 1/-

ROZALEX
KEEPS HANDS CLEAN

PREVENTS
CHAPPED
HANDS

From wholesaler or direct. Show matter and literature supplied on request to
ROZALEX LTD., CROSS STREET, MANCHESTER

Opium

AND OPIUM PREPARATIONS

EXTRACTS
TINCTURES
LIQUORS
LINIMENTS
LOTIONS
COMPOUND POWDERS
COMPOUND PILLS
SYRUPS
WINES
OINTMENTS
AQUEOUS TINCTURES
SUPPOSITORIES
ETC., ETC.



also—

POWDERED OPIUM B.P.

Prepared under the strict supervision of experts to meet all the requirements of the British Pharmacopœia.

ALL PRICES ON REQUEST

POTTER & CLARKE LTD.

60-64 ARTILLERY LANE, E.1

Phone: BISHopsgate 4761 (6 lines)

77 DANTZIC STREET, MANCHESTER, 4

Phone BLAckfriars 8734

UNLIKE any other razor the **Eclipse** RAZOR

takes any make of wafer blade

has a magnetic pick-up (to retrieve fallen blades)

UNLIKE any other razor the **Eclipse** RAZOR

takes any make of wafer blade (a unique feature)

automatically centres the blade (so that both edges shave alike)

UNLIKE any other razor the **Eclipse** RAZOR

TAKES ANY MAKE OF WAFER BLADE

HAS A MAGNETIC PICK-UP (to retrieve fallen blades)

AUTOMATICALLY CENTRES THE BLADE (so that both edges shave alike)

HAS MICROMETER ADJUSTMENT (for light or stiff beards)

and with an ECLIPSE SUPER BLADE forms the world's shaving combination

RAZORS 2/6 10/6 BLADES 3 for 1/- 5 for 1/8

MADE BY JAMES NEILL & CO. LTD.

PUNCH or The London Charmer February 7 1940

Then it's time you to sell an **Eclipse** RAZOR

Then you need an **Eclipse** RAZOR

WHICH HAS A MAGNETIC PICK-UP (to retrieve fallen blades)

WHICH TAKES ANY MAKE OF WAFER BLADE

WHICH HAS MICROMETER ADJUSTMENT (for light or stiff beards)

WHICH IS PRECISION BUILT THROUGHOUT

WHICH AUTOMATICALLY CENTRES THE BLADE

GOOD SHAVE —

Razors 2/6 to 10/6. Razor Blades 3 for 1/-, 5 for 1/8.

Obtainable from all Retail Suppliers.

Made by JAMES NEILL & CO. (SHEFFIELD) LTD.

...which has all these unique features

STILL MORE NATIONAL ADVERTISING

RED RING RAZORS

THE "Eclipse" is not "just another razor" but one with several unique features which are being stressed in the extensive national advertising now proceeding.

The "Eclipse" Razor takes any make of wafer blade . . . a great advantage to men in camp or aboard ship. The "Eclipse" has *Self-Centering Cones* which accurately align the blade so that both edges shave alike. *Micrometer Adjustment* regulates the projection of the blade for light or stiff beards. A *Magnet* in the handle picks up fallen blades with safety. The "Eclipse" is made by engineers . . . it is *Precision Built* throughout.

These five selling points are being hammered home by advertising appearing in *Punch* (full pages—seen by a million readers) in national newspapers such as *The Times* and *Daily Telegraph*; in illustrated weeklies — *Bystander*, *Picture Post*, etc.; in leading magazines like the *Wide World Magazine*; literary reviews such as *The Spectator* and *John O'London's Weekly*. *Scotland & Northern Ireland* are specially catered for.

Make sure you get your share of sales. See that your staff know and can demonstrate the five special features of the "Eclipse" Razor.

Model CP:	Model HH:	Model BB:	Model WW:	Model MM:
De Luxe Chromium Plated case with 10 blades	"Ivory" and Black case with 5 blades	Mahogany coloured case with 3 blades	Blue Leather Wallet-case with 3 blades	Mottled Green case with 1 blade
10/6	6/6	4/6	4/6	2/6

'Eclipse' Super Blades: 3 for 1/-, 5 for 1/8

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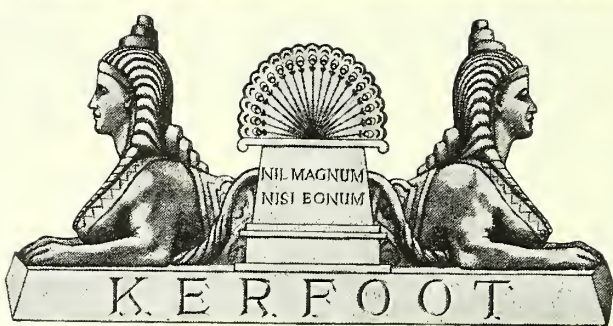
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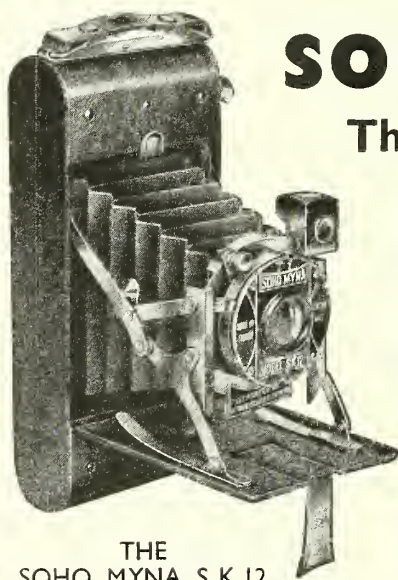
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NEWS OF THE WEEK

Paper Restrictions.—In order to make the fullest use of our publication we have this week introduced a wider and deeper editorial column. By this means and by further economy in titles we are able to continue to provide in a concise form full reports on all trade news and topics, retail and wholesale. The size of the type and the main features remains unchanged.

British Chemical Plant Manufacturers' Association.—The following officers were appointed at the annual meeting on April 24: *Chairman*, Mr. B. L. Broadbent (Thomas Broadbent & Sons, Ltd.); *Vice-Chairman*, Dr. G. E. Foxwell (Clayton, Son & Co., Ltd.); *Treasurer*, Mr. W. S. Knight (Kestner Evaporator & Engineering Co., Ltd.); *Secretary*, Mr. J. Davidson Pratt.

Sugar Supplies.—The Ministry of Food announce that after May 15, no new application can be considered from manufacturers or miscellaneous users for permits to enable them to obtain supplies of sugar. Manufacturers and miscellaneous users are entitled to receive permits to purchase sugar only if they can prove their sugar supplies for the twelve months ended June 30, 1939. Supplies of sugar will be made available only to a manufacturer or miscellaneous user who was in business in the basic year, and who continues to trade on substantially the same scale.

Anglo-Italian Medicinal Products Trade Agreement.—An agreement has been signed in Rome on behalf of the Governments of the United Kingdom and Italy whereby medicinal products and medicinal specialities produced in and consigned from each country will be allowed unrestricted entry into the other country, subject to compliance with the regulations and general conditions in force for such products. The agreement is for a period of one year. Copies of the agreement (Italy, No. 2, 1940), "The Regulation of Trade in Medicinal Products," may be obtained from H.M. Stationery Office, price 1d.

Liverpool Pharmacy School Works Visit.—A party of students from the Liverpool School of Pharmacy paid a visit to the Fleet Street laboratories of Evans Sons Lescher & Webb, Ltd. on May 1, led by Mr. J. Butler, F.I.C. Afterwards the students were entertained to a high tea and addressed by Mr. Pat Lescher and Mrs. C. E. J. Sendall and Fergusson (directors). A second party made the visit on May 2.

Pharmacy Staffs Claim Salary Increases.—Following meetings and conferences held in various parts of the country, a special London conference of managers and staffs of pharmacy departments of Timothy Whites & Taylors, Ltd., recently unanimously adopted a resolution requesting the Shop Assistants' Union to make an immediate approach to the company for a salary increase of 5s. per week for managers and staff aged twenty-one and over, and of 5s. for those under twenty-one years, to meet the rising cost of living. An application to this effect has been submitted to the company.

Pharmaceutical Committee's Term of Office Extended.—The Minister of Health has issued Provisional Regulations—the National Health Insurance (Panel and Pharmaceutical Committees) Regulations (England and Wales), 1940—extending the period of office of present members of Pharmaceutical Committees to not more than twelve months after termination of the present emergency, as determined by the Minister. The Order may be rescinded for any committee if it appears to the Minister that a majority of the persons supplying drugs and appliances are not in favour of the extension of office of the pharmaceutical committee being extended.

Raid and Damage at Keighley Pharmacy.—Smash-and-grab raiders broke a plate-glass window in the premises of Mr. W. N. Moore, M.P.S., Keighley, on May 1, and stole a number of cameras.

Withdrawal of Authority.—The Home Secretary has withdrawn from Graham Campbell MacDiarmid, M.B., B.Ch., U. New Zealand, whose registered address is c/o New Zealand House, 415 Strand, London, W.C.2, the authorities granted by the Regulations made under the Dangerous Drugs Act, 1920, to duly qualified medical practitioners. In consequence any person who supplies him with any of the drugs or preparations to which the Dangerous Drugs Regulations, 1937, or the Raw Opium, etc. Regulations, 1937, apply, or who supplies any of the drugs or preparations to which the Dangerous Drugs Regulations, 1937, apply, on a prescription given by the said Graham Campbell MacDiarmid will commit an offence against the Dangerous Drugs Acts.

Leicester Branch Officers.—The annual meeting of the Leicester and Leicestershire Branch of the Pharmaceutical Society was held at Leicester on April 24, Mr. C. Gunn presiding. The secretary (Mr. F. Purse) referred to losses sustained in the deaths of Mr. Seth Squires and Mr. Edgar Wand. Social events during the winter had been maintained, and a sum of £23 10s. had been collected for the Society's Benevolent Fund. The following officers were elected: *Chairman*, Mr. C. Gunn; *Vice-Chairman*, Mr. B. Eagle; *Secretary and Treasurer*, Mr. F. Purse; *Social Secretary*, Mr. E. Fitchett; *Assistant Secretary*, Mr. C. W. Leake; *Auditors*, Messrs. Blockley and Buswell. *Committee*, Miss Perkins, Messrs. Berry, Clark, Dickens, Jacobs, Savage, Stevens and Ward (City), Messrs. Melville, Preston, Stiles and Tomlin (County).

Pharmacy Act Case.—At West London Police Court on April 29, P. B. Phillips (Chemists), Ltd., High Holborn, London, W.C.1, were summoned for the unlawful sale by retail of a Part I poison. There was a further summons that the sale was effected not by, or under, the supervision of a registered pharmacist. Mr. Castle, prosecuting for the Pharmaceutical Society, stated that on behalf of an inspector a prescription was presented, containing among other ingredients, a solution of morphine hydrochloride. The prescription was accepted by the assistant and he dispensed it, though he was not a qualified chemist. To show that there was a lack of proper control at the premises, said Mr. Castle, the key of the dangerous drugs cupboard was in the possession of this unqualified person. A fine of £25 was imposed in respect of the first summons, the second not being separately dealt with.

Wimbledon Pharmacists' Dinner.—The fourth annual dinner of the Wimbledon Pharmacists' Association was held on April 24. Mr. Thomas James (vice-president), proposing "The Pharmaceutical Society," said that during the Great War he had been in six hospitals, four in France and two in England, and in the majority the senior attendant knew nothing about pharmacy. Great strides had been made, and the Society had taken the precaution to protect their members when joining the Armed Forces and to see they were given the class of work to which they were accustomed. He thought pharmacists were entitled to a commission in the Army the same as medical practitioners. Mr. J. F. McNeal (a member of Council) said, in reply, that the question had been taken up with the military authorities. Mr. G. E. Baker (chairman, Merton and Morden Urban District Council) proposed the toast of the Association, and Mr. J. R. Stewart (president) replied. Dancing followed the dinner.

Fluorescence Lecture at West Ham.—Mr. Dennis Desmond presided at a meeting of the West Ham Association of Pharmacists at Stratford on April 23, when Dr. A. E. Rudge (head of the science department, West Ham Municipal College) gave a lecture on "Some Aspects of Fluorescence Analysis." Dr. Rudge described the position of the ultra-violet band in the range of electro-magnetic radiation and outlined the theory of fluorescence based on disturbance of the electrons in atomic structure. By means of an ultra-violet filtered bulb, he demonstrated fluorescence in a number of inorganic and organic compounds and drugs. The influence of impurities on fluorescent intensity in inorganic compounds was shown and the use of ultra-violet radiation in the recognition of drugs was illustrated on such examples as hydrastis and aconite roots and rhubarb rhizome. The lecturer finally demonstrated possible applications of ultra-violet radiation in window display. Mr. F. R. Maxey proposed and Mr. G. H. Hooker seconded a vote of thanks to Dr. Rudge.

Discussion at Wembley.—At a meeting of the Wembley Chemists' Association on April 16, the chairman (Mr. E. Ratcliffe), presented Mr. T. B. Robinson (retiring chairman) with an illuminated address in appreciation of his work for the Association. Mr. Ratcliffe then opened a discussion on "War-time Problems in Pharmacy," reviewing the present position as to supplies of drugs, proprietary preparations, dressings, paper and bottles. He drew attention to a recent examination of turnovers of a number of shops, in which it had been shown that there was an increase of 3 per cent. in overheads, a figure that could be taken as an average for most chemists' businesses. Insurance prescriptions, he explained, were priced on values current during the month in which they were made up. Most of the members took part in the discussion that followed. Several pointed out the difficulties arising when old stocks had to be sold out after a price increase: two shops often sold the same article at different prices. Mr. HAYWARD (N. London Branch) said that, in his area, price lists covering price changes were circulated, and these went a long way to secure uniformity. Mr. KITCH pointed out there were still people on the edge of such areas who would run counter to the chemists of the next area. Mr. BEARMAN suggested considerable waste could be avoided by the adoption of standard bottles for N.H.I. dispensing. He considered that 1-oz. and 2-oz. teaspoonful, and 6-oz. and 12-oz. tablespoonful could replace the odd sizes now in use. At the end of the discussion Mr. HAYWARD described the working of pharmaceutical detachments in the British Red Cross Society; they undertook such work as assisting pharmaceutical departments of hospitals and supervising unloading of wounded from trains. A detachment included generally about forty members, who were in the charge of a pharmacist as commandant. No member worked under an unqualified person. The meeting concluded with a vote of thanks to Mr. Ratcliffe.

Grouses Voiced by North Staffs Chemists.—"I protest—A Series of Short Grouses" was the title of a meeting held on April 23 by the North Staffs Branch of the Pharmaceutical Society. Mr. E. CORNER spoke of the dual control of the Society and the National Pharmaceutical Union, and suggested that the old-fashioned Charter of the Society prevented some of the good work that could be done by these bodies from being done. Less money should be spent on the new building and more on bringing the Charter up to date. The speaker also protested against the excessive ordering of proprietaries by medical men. Mr. G. B. SOCKET protested about the return of medicine bottles under the National Health Insurance scheme. Why should the chemist be an unpaid bottle-washer, or a savings bank with bottles as currency? Mr. W. STAINER protested against abuse of the 10 per cent. discount allowed to nurses, and suggested that only professionally-used articles should be allowed discount. Mr. BEESTON stated that the last "real chemist's" British Pharmacopoeia was the 1885 issue. He also protested against the continued use of the metric system, and hoped that the next B.P. would be one of easy manipulation. Mr. F. KEEN protested against twelve and sixteen ounce bottles of medicine being ordered on National Health Insurance prescriptions, instead of the 8-oz. bottle of the tariff. He quoted numerous examples of excessive prescribing. Mr. F. WALKLETT spoke on the N.H.I. Tariff, declaring the present system of allocating dispensing fees to be obsolete and unjust. Under the present scheme one doctor could obtain for the same money twice as much work from a dispenser as another doctor. His suggested remedy was to classify the mixtures and price them in groups according to time value. For out-of-the-way operations he suggested ung. hyd. ammon. dil. gr. 30; menthol gr. 5—the chemist could make the script with a letter "D" so that the superintendent of the pricing bureau could allow double dispensing fee if he thought the claim reasonable. Mr. REDFERN thought that the Government grant to the drug fund should be much larger. A vote of thanks to the speakers was proposed by the chairman (Mr. T. G. Lawley) and supported by Messrs. Denby and Stanier.

Problems Tackled at Middlesbrough.—A meeting of the Teesside Branch of the Pharmaceutical Society was held at Middlesbrough on April 24, the president (Mr. W. R. Brackenbury) in the chair. Owing to an accident the secretary (Mr. R. MacDonald Murray) is temporarily incapacitated and Mr. D. A. Bray was appointed temporary secretary, with Mr. J. N. Langman as assistant secretary. The meeting sent a letter to Mr. Murray wishing him speedy recovery. Delegates elected for the Pharmaceutical Conference in June were Messrs. W. R. Brackenbury and D. A. Bray, with Mr. R. MacDonald Murray if well enough to attend. Mr. H. N. HIRST (a member of the Society's Council) then gave an address on "Pharmaceutical Problems of 1940." He referred to the Society College—source of a large deficit—as now a part of the London University and a case of "Once wedded—no divorce." The laboratories were another deficit, and he asked what these were for, since the big manufacturing firms were doing the same work? It was doubtful if the prestige was of much value to the ordinary retail chemist. The museum he described as a good investment, and the library as the finest collection of pharmaceutical works in the country. Examinations were a paying department, but going down owing to scarcity of apprentices.

The "Pharmaceutical Journal" was one of the Society's biggest problems. The loss was equal to 10s. 6d. of the retention fee, and the increased postage will be a big problem. Mr. Hirst estimated that half of the members qualified in recent years had been apprenticed with multiple firms. Mr. BRACKENBURY suggested increased fees to counteract the college loss; although the laboratories were useful for prestige they were too expensive; the library was worth the cost; a fortnightly journal instead of a weekly publication would be a method of retrenchment.

The meeting was then thrown open to questions and Mr. Hirst received a lively fusillade. He said that one way (which he favoured) to increase the Society's income would be to increase the registration fee for apprentices. To increase the college fees would lessen the number of students. The new building, he considered, would be only sufficient for the Society's needs.

Mr. W. A. Thompson proposed a vote of thanks, which Mr. T. H. Hopper seconded.

Birkenhead Annual Meeting.—Birkenhead and Wirral Pharmacists' Association and Branch of the Pharmaceutical Society held its annual meeting at Birkenhead on April 23, when the secretary (Mr. F. J. Nichols) reported that membership had increased by ten to seventy, and gave a review of the year's activities. Members of the Branch in Hoylake and West Kirby had formed their own association, and desired to form a local branch of the National Pharmaceutical Union, but Mr. Kemp (national organiser) had no agreed to this. About £30 had been raised for the Society's Benevolent Fund, whilst a draw organised by Messrs. F. Haworth and Fros had realised £30 for local charities. The social secretary (Mr. J. W. Waterworth) reported on the year's social activities, and Mr. J. A. Dewar (treasurer) presented the financial statement, which showed a balance in hand of £23. Supporting adoption of the reports Mr. T. Stephen Jones thought that, in view of the favourable balance, the treasurer might have considered reducing the subscription rates from 10s. to 7s. 6d. The retiring president (Mr. R. Pilkington) thanked members and officers for their support. Election of officers resulted as follows: *President*, Mr. G. L. Hale; *Vice Presidents*, Messrs. R. Pilkington and A. Williamson; *Treasurer*, Mr. J. A. Dewar; *Secretary*, Mr. R. G. Collins (Mr. Nichols having intimated he wished to relinquish the post); *Auditors*, Messrs. F. Grant and F. J. Nichols; *Social Secretary*, Mr. J. W. Waterworth; *Assistant Social Secretary*, Mr. A. Greenwood; *Committee*, Messrs. J. Edwards, A. Greenwood, G. F. Lunt, N. D. H. Shipley, J. W. Waterworth, F. Haworth, C. H. Wright, with Messrs. Frank Snow (secretary, Pharmaceutical Committee) and T. Stephen Jones *ex officio*. Mr. H. C. Tristram moved a vote of thanks to the retiring officers. Messrs. T. Stephen Jones, R. Pilkington and Mrs. No. Jones were appointed delegates to the British Pharmaceutical Conference, 1940.

President G. L. Hale proposed that a questionnaire on the subject of closing hours should be sent to all chemists in the town and the results submitted to the committee. If there was a two-third majority they could approach the town clerk with a view to securing a closing order. Mr. H. C. Tristram mentioned that in Wallasey it had been found difficult to make the closing order effective; they could not compel a shop to close for the supply of medicines.

Mr. Hale said he understood the association had a small committee to deal with Chemists' Friends matters, and he did not think there was much cause for complaint concerning the support given to the movement locally. Mr. H. C. Tristram proposed that chemists present should put in good displays of C.F. lines, and this was agreed to. It was decided to hold the annual picnic in June, arrangements being left in the hands of the committee.

IRELAND

Business Change.—Mr. W. J. Crawford, Ph.C., 72 Connsbrook Avenue, Belfast, has taken over the premises formerly owned by Mr. R. Maxwell, Ph.C., at No. 180.

Trade Union Appointments.—Mr. M. MacManus, M.P.S.I., Cork, has been elected vice-president of the Irish Union of Distributive Works and Clerks' Association. Mr. F. C. Kavanagh will represent the Dublin chemists' section on the executive committee of the Union.

Chemists' and Druggists' Society of Ireland.—A meeting of the committee of management was held in Belfast on April 3. Messrs. Fred Storey (president) in the chair, C. Abernethy, E. A. Richey, W. Martin, S. Nevin, H. Johnson, William Gibson, and James Macauley (secretary) were present. Mr. W. GIBSON read the financial statement on behalf of Mr. S. Gibson (treasurer), prior to submitting it to the annual meeting, which it was arranged to hold on May 8. Mr. E. RICHEY suggested arranging a course of lectures during the year, and it was agreed that meetings should be held more frequently if possible.

SCOTLAND

Business Change.—Mr. John D. Crooks, M.P.S., is removing from 2 Bank Street to 28 Duke Street, Kilmarnock.

Dangerous Drugs Act Offence.—Dr. John Hunt was fined £5 at Dunfermline Sheriff's Court on April 30 for failing to keep a register under the Dangerous Drugs Regulations.

Mr. A. Henderson (North-Eastern Scottish representative, Johnson & Johnson (Great Britain), Ltd.), has been appointed manager for Scotland in succession to the late Mr. J. A. Jamieson (see *C. & D.*, April 27, p. 321).

Glasgow Shop Hours.—The Burgh Insurance Committee on April 17 approved a recommendation that the closing hours for chemists under contract with the Committee should be 8 p.m. on Saturdays and 7 p.m. on other weekdays except early closing day.

Pharmacy Act Case.—At Dumbarton Sheriff Court, on May 1, Mrs. McIntyre, Clydebank, was summoned for selling a proprietary cough syrup containing codeine by an unqualified assistant in unregistered premises, and in a container that did not contain the name and address of the premises from which sale was made. The Procurator-Fiscal said the accused's husband was the proprietor of a chemist's shop and this was run as a branch by his wife. The case was dismissed with an admonition.

General Council of Panel Chemists.—A meeting of the General Council of Panel Chemists (Scotland) was held in Edinburgh on April 24, Mr. F. W. M. Bennett in the chair. The secretary intimated that, owing to the resignation of Mr. Abercromby, a vacancy had been created in the representation of Bodies Corporate on the General Council and on the Pharmaceutical Standing Committee (Scotland). He had sent a letter to Bodies Corporate asking them to nominate a representative. The meeting considered a resolution that had been put forward by Renfrew County Pharmaceutical Committee, asking that Clause I of the Constitution be amended so as to remove the requirement that members of the General Council must have "places of business within the area" they represented.

After discussion it was agreed that the Constitution should remain unaltered. The National Health Insurance terms of service for 1941 were discussed. It was reported that a letter had been received from the Department of Health outlining further services it was proposed to bring under the scheme whereby local chemists dispense prescriptions at N.H.I. rates; the letter was agreed to. Mr. McVittae moved, and Mr. Buick seconded, a vote of thanks to the chairman.

Glasgow Branch Annual Meeting.—The annual meeting of the Glasgow and South-Western Scottish Branch of the Pharmaceutical Society was held on May 1, Mr. J. H. Ramsay, Ph.C. (chairman), presiding. The annual report showed a membership at July 1939 of 1,265. A.R.P. classes for pharmacists had been arranged and had been attended by about 100 persons. Branch funds totalled £82 11s. Mr. A. B. GILMOUR stressed the need for more liberality towards the Society's Benevolent Fund. Messrs. Guthrie and MacSween also spoke on this subject and various suggestions for augmenting the amount contributed were noted, to be dealt with by the new committee. The auditors (Messrs. W. Wood Wilson and W. Peebles) paid a tribute to the work of Mr. R. McAdam (secretary and treasurer). The report was approved on the motion of Mr. C. A. Buick, seconded by Mr. A. B. Gilmour. The following officers were elected: *President*, Mr. Harvey P. Arthur; *Vice-Presidents*, Messrs. W. Spence Culbert, W. J. Moffat, Martin Meldrum, A. B. Gilmour, and J. H. Ramsay; *Chairman*, Professor J. P. Todd; *Vice-Chairman*, Mr. David Gemmell, Beith; *Secretary and Treasurer*, Mr. Robert McAdam; *Librarian*, Mr. T. Newton; *Auditors*, Messrs. W. Wood Wilson and W. Peebles; *Committee*, Messrs. Allison, Buick, Colin Campbell, Gilmour, Guthrie, Heughan, MacEwan, McCrone, MacSween, Moffat, Officer, Culbert and Milne, the Misses Paul and Suttie. Messrs. Ramsay, Gemmell, McAdam, Milne, and George McAdam were appointed representatives to the London Conference. The secretary's honorarium was fixed at £30 annually.

Glasgow P.D.A. Branch.—The eleventh annual meeting of the Glasgow and West of Scotland branch of the Photographic Dealers' Association was held on April 25, the president (Mr. W. McKay) in the chair. The secretary's report summarised the year's work. Officers for 1940-41 were appointed as follows: *President*, Mr. A. Pollock; *Vice-President*, Mr. J. Weir, *Chairman*, Mr. W. McKay; *Vice-Chairman*, C. Horsburgh; *Secretary*, Mr. Hugh W. Thomas, 436 Argyle Street, Glasgow, C.2; *Treasurer*, Mr. C. Horsburgh; *Council*, Messrs. S. Ballantine, R. A. Couper, W. Spence Culbert, D. Dalglish, D. Duncan, J. Harper, A. W. Hendry, J. Hunter, J. K. Murphy, J. C. Semple, W. Wood Wilson, Miss E. Miller and Mrs. Tulloch; *Auditors*, Messrs. J. W. Downie and A. Macsween. Mr. W. Spence Culbert (president of the Association) was again nominated as area representative on the National Council. A resolution that the annual subscription to the Association should be increased was defeated by a large majority. Discussion took place on schemes to combat and dispel public timidity in being seen with a camera. Mr. Ballantine suggested that photo-finishing firms be asked to display the posters issued to dealers on their delivery vans or cars. The secretary stated that the Assistant Chief Constable of Glasgow had been interviewed, and he confirmed that there are no restrictions on amateurs carrying cameras in Glasgow area and photographing anything other than subjects of strategic importance.

TOPICAL REFLECTIONS

War-time Economies.—The hints given on p. 340 as to ways of saving in the everyday affairs of our shops are of the practical kind that we expect to see in *THE CHEMIST AND DRUGGIST*. On the day that I received my copy of your last week's issue there was a letter in "The Times" from Sir Ellis Hume-Williams opening with the statement: "Of all the places where paper is wasted perhaps the worst is a chemist's shop." The writer specially instanced the wrapping of proprietary medicines by "the conscientious seller." Obviously, the handing over the counter of goods without the usual labelling needs to be done with discretion and in a manner void of offence. I have only space to notice two of your contributor's hints. The raising of prices of "repeat" prescriptions is certain to evoke protest on the part of some, and perhaps of most, of the customers affected. When it must be done, all the tact at the command of the chemist will have to be brought to bear on the situation. The other matter that gives me pause in the article is the suggestion: "Old price lists and booklets can be cut and hung up for use in weighing out dry drugs, thus effecting a saving in white dandy. . . ." For my part, I have an invincible objection to allowing any medicament to make contact with printer's ink, even for the brief period occupied in weighing it. As far as I am aware, I have never relaxed my rule on this matter, and I believe the majority of pharmacists are in agreement with me.

The Labelling of Cosmetics.—Your summary of, and editorial comment on, the new restrictions on the advertising of cosmetic preparations in the United States (*C. & D.*, April 27, pp. 324, 326) indicate the possibility of similar restrictions being ultimately enforced in the United Kingdom, a departure that, in view of recent discussions on the advertising of proprietary medicines, would not take the trade entirely by surprise. It has to be remembered that the claims of some makers of toilet preparations approach the borderline at which they begin to interest the Commissioners of Customs and Excise: it is therefore easy to realise that, in respect of articles which escape taxation as medicaments, the grounds of exemption may at any time be narrowed by a stroke of the pen. Looking through the list of forbidden practices on p. 326, one begins to wonder what is left for makers of such goods to say in the United States in recommendation of them. May a proprietor, for instance, claim that his toilet cream is useful for smoothing the skin (an expression that occurs in an advertisement of the year 1664)? Or that it is comforting to tired cuticle? Does an eye lotion never "relieve strain"? We have often dispensed, on this side of the Atlantic, physicians' prescriptions for lotions directed to be used when the eyes are tired or irritable. It remains to be seen to what extent the ingenuity of American manufacturers will be able to circumvent this drastic set of rulings.

Xrayser

STOCK EXCHANGE PRICES

"OXORAN"; for chemical substances (not being paints) for treatment of textile materials to prevent rotting. By Imperial Chemical Industries, Ltd., Millbank, London, S.W.1. 608,466.

NOTE.—The shares of J. Nathan & Co. (Glaxo), Ord., were formerly 1s.

TRADE NOTES

COFFEE-FLAVOURED SANATOGEN.—Genatosan, Ltd., Loughborough, announce the introduction of a coffee-flavoured Sanatogen. Details are given in the company's advertisement in this issue.

BAYER PRODUCTS, LTD., Africa House, Kingsway, London, W.C.2, are closing their offices and warehouse Friday evening, May 10, until Tuesday morning, May 14. Supplies may be obtained from John Bell & Croyden, 50 Wigmore Street, London, W.1, and R. Woolby Brooke, 35 Gloucester Road, London, S.W.7.

VINOLIA CO., LTD., Bebington, Cheshire, have sent us specimens of three of their new packs and these are shown in the accompanying



illustration. The Service pack is issued with gummed flaps unsealed so that the sender can enclose a letter or card before sealing and dispatching. A showcard in relation to this is in preparation. The other lines illustrated are the "Hygiene of Baby" book pack and the Vinolia bath thermometer gift pack. Either of these would form a useful gift for mothers and nurses and publicity in this connexion is to be undertaken in the national Press.

FRUIT-FLAVOURED LAXATIVES.—Arthur H. Cox & Co., Ltd., Brighton, have altered the title of their fruit laxatives to fruit-flavoured laxatives (see *C. & D.*, April 27, p. 324). Messrs. Cox ask their customers who hold stocks of fruit laxatives to notify them of any old-style packs they have in stock when bands with the new title will be forwarded. Further details are given in the company's announcement in this issue.

SURE SHIELD FRUIT LAXATIVES.—Thomas Guest & Co., Ltd., Carruthers Street, Ancoats, Manchester, 4, inform us that for the past twenty-eight years they have used a special natural fruit extract for the manufacture of these tablets and that the amount of fruit in each tablet equals at least 5 per cent. Messrs. Guest state that if a case was brought against them they would certainly fight it and have no doubt as to what would be the result.

NEW PRICE LIST.—Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, have issued a new price list, a copy of which will be sent to any chemist on request. Messrs. Pharmaceutical Specialities have also published a new leaflet on Proseptasine and Soluseptasine. During the Whitsun holiday the company's premises will be closed from 12 noon, May 11, to 9 a.m., May 14. Urgent supplies at this period may be obtained from W. Martindale, 50 Wigmore Street, London, W.1, and Curtis & Co., 79 Baker Street, W.1.

Proprietary Articles Trade Association

Additions and Alterations to Protected List.—Oystrax, Ltd., Oystrax brand tablets, 1s. 9d., 15s. 2d. doz.; 3s. 6d., 30s. 3d. doz.; 8s. 6d., 73s. 5d. doz., less 2½ per cent. for cash in thirty days. Special quantity prices withdrawn. *Tattoo, Ltd., c/o Fassett & Johnson, Ltd.*, Tattoo lipsticks, refills for 4s. 6d. size, 3s., 24s. doz.; new size, lipsticks, 2s. 6d., 20s. doz.; refills, 1s. 6d., 12s. doz. Sixpenny size Tattoo lipstick has also been added to Protected List, at 4s. 3d. doz.; one complete dozen, 4s.; three doz. Tattoo lipsticks assorted, less 5 per cent.; six doz. assorted, less 7½ per cent.

Business Changes

ETHICA LABORATORIES are removing on May 11 from Richmond, Surrey, to 1 High Street, Barnet, Herts.

WOODLANDS CHEMISTS, LTD., have opened a pharmacy in the footpath of the newly-rebuilt City railway station, Leeds.

GENERAL APOTHECARIES' CO., LTD., London, W.1, have removed to the following addresses: Retail and Cosmetic Section: 101 Westminster Bridge Road, London, S.E.1. Drug Section: 19 Wagner Street, S.E.1.

BIRTHS

Notices for this column must be authenticated

HOUSTON.—At 71 Great King Street, Edinburgh, on April 25, Vera, the wife of W. A. M. Houston, M.P.S., 62 Inverleith Row, of a daughter.

MARRIAGES

BROWN—PARKINSON.—At Lytham Parish Church, on May 4, Stanley Brown to Edna, daughter of Mr. S. H. Parkinson (Parkinson's, Ltd., manufacturing chemists, Burnley).

GAMBLE—MILLAR.—At Londonderry, on April 22, Alexander Wesley Gamble, M.P.S.N.I., "Dunross," Portrush, to Martha Evelyn Millar, Limavady.

DEATHS

DEWHURST.—Recently, Mr. George Edward Dewhurst, M.P.S., 61 Rochdale Road, Shaw, Oldham. Mr. Dewhurst passed the Minor examination in 1904.

GOODALL.—Recently, Mr. William Anthony Goodall, Ph.C., Longlands Park Road, Sidcup, aged eighty-six.

GREEN.—At Leeds, on April 27, Mr. William Henry Green, Ph.C., aged seventy-four. Mr. Green was for forty years in business in Skipton and on retiring about seven years ago went to reside at Ben Rhydding, Ilkley.

HASTINGS.—At Glennfield, Newcastle, co. Down, on April 27, Mr. Robert Hastings, Ph.C., J.P. Mr. Hastings was one of the oldest members of the Chemists and Druggists' Society of Ireland and had been a member of the committee for many years. He was also a member of Down Regional and Castlewellan Area Education Committees, and had acted as honorary secretary of the local lifeboat committee, and of the local branch of the Shipwrecked Mariners' Society. He received a presentation from the Royal National Lifeboat Institution in recognition of his services as a volunteer of the lifeboat which saved the crew of a vessel in Dundrum Bay.

ROSIE.—At "Birkiewood," Jackson Street, Penicuik, on May 2, George Rosie, M.P.S. Mr. Rosie passed the Minor examination of the Pharmaceutical Society in 1891.

WARD.—Recently, Mr. Albert Edward Ward, chemist and druggist, Becket Street, Leeds, aged seventy-seven.

PERSONALITIES

MR. CHARLES J. JEPHCOTT, sales manager of Glaxo Laboratories, Ltd., is making good progress after his recent operation for appendicitis.

MR. J. G. WYNNE-WILLIAMS, managing director of Pepsodent, Ltd., has now received his captaincy in the A.A. Section, R.A. Mr. A. H. Munroe, sales manager, is captain in the 2/6 Queen's Regiment. Last year at this time they were both gunners.

MR. JOHN CAMERON, Ph.C., addressed sixty members of the scientific staff at the Squibb Institute of Medical Research, New Brunswick, U.S.A., on April 23, on "Scientific Development in Asia." On April 24 he described "Recent Experiences in Asia" to the staff of the New York Hospital.

THERE are three directors of S. Maw, Son & Sons, Ltd., New Barnet on active service: Flying Officer Michael T. Maw; Pilot Officer John Maw (both in the R.A.F.); and Lieutenant Norman Porter (Royal Marines). Mr. Gordon Carr has now rejoined the company's staff and is taking over for the duration of the war the Birmingham territory belonging to Captain Sparke (on active service) which has recently been travelled by Mr. Stewart, who is now due to be called up. Mr. Mellor, M.P.S., is covering the northern English territory of Sergeant John McCrum. It is part of Messrs. Maw's war policy to replace serving representatives by adjustment of territories, or with their own personnel.

DR. ROBERT LEE SWAIN, New York City (editor of "Drug Topics"), has been awarded the Remington Honor Medal for 1940 in recognition of his services to the profession of pharmacy. Dr. Swain served as Deputy Food and Drug Commissioner for the State of Maryland for seventeen years before he joined "Drug Topics" last year. Prior to 1922 he operated a retail pharmacy in Sykesville, Maryland. He has served as president of the American and of the Maryland Pharmaceutical Associations, and of the National Association Boards of Pharmacy, and as chairman of the National Conference of Pharmaceutical Law Enforcement Officials. He is a member of the Maryland Board of Pharmacy, of the Board of Trustees of the U.S. Pharmacopoeia, and of the American Council on Pharmaceutical Education. He has led a movement during recent years to modernise state pharmacy laws.



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PARLIAMENTARY NEWS

No Census of Production.—Asked on May 1 whether, in connexion with the proposed Purchase Tax, it was intended to institute a census of production, the Chancellor, through the Financial Secretary to the Treasury replied that the information derived from the census would not be available until long after the date on which it is hoped to bring the tax into force.

Olive Oil Import Figures Not Available.—Asked on April 30 whether there was any general reduction in imports of olive oil compared with pre-war years; and what were the respective figures of such imports from Portugal, the President of the Board of Trade, through Major Lloyd George, replied that publication of particulars of trade in individual commodities had been suspended since the outbreak of war.

Prosecutions under Prices of Goods Act.—Major Lloyd George, for the President of the Board of Trade, on April 30, gave the following statistics as to prosecutions under the Prices of Goods Act: The number of complaints received by local Price Regulation Committees up to April 20, the latest date for which information is available, was 1,957, of which 780 related to goods at present regulated, and 1,177 to goods which are not. . . . All complaints received have been or are being investigated. The Board of Trade have been requested by the Central Price Regulation Committee to take proceedings in seventeen cases. Prosecutions have been instituted in three of these; the others have been referred to the Lord Advocate for proceedings in Scotland or are under consideration by the Board of Trade. My right hon. Friend is proposing shortly to make an Order extending considerably the range of goods to which it applies.

COMING EVENTS

Monday, May 13

UNITED COMMERCIAL TRAVELLERS' ASSOCIATION, Polytechnic Extension, Little Titchfield Street, London, W.1, at 9.30 a.m. Annual Conference.

Wednesday, May 15

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17 Bloomsbury Square, London, W.C.1, at 12 noon. Annual Meeting.

Thursday, May 16

CHEMICAL SOCIETY, in the Lecture Theatre of Institution of Mechanical Engineers, Storey's Gate, Westminster, London, S.W.1. Professor W. N. Haworth, D.Sc., F.R.S., on "Recent Developments in the Chemistry of Carbohydrates." Open to visitors introduced by Fellows.

THE CHEMIST AND DRUGGIST

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Medicines and the Proposed Purchase Tax

At the time the Chancellor of the Exchequer, in the course of his Budget speech, informed the House of Commons that he intended to institute a "purchase tax," he restricted his remarks to a bare outline of the general principles of this proposed new form of levy on trade and industry. When the Budget Resolutions came before Parliament on May 1, Sir John Simon made a further statement on the subject. It was more ominous than informative. The following are points from his speech as reported in Hansard (Vol. 360, No. 60).

"I think the tax should be applied at that stage on what one would call the wholesaler's price. . . . There will have to be an adjustment in cases where the wholesaler skips the retailer and sells direct to the individual purchaser."

"It is absolutely necessary to create a register" [of wholesalers]. . . . "There will have to be definitions [of a wholesaler] and I can easily imagine difficulties arising." [Note. Purchases by registered wholesalers will not be liable to the tax.]

"It (the tax) would not apply to raw materials purchased by producers because the tax would be applied lower down."

"I look forward to the whole scheme being made more completely practical and useful with the assistance of friendly but informed comment . . . from associations of trades which will be affected. I told the House last week I was setting on foot communications with the different associations concerned."

" . . . This scheme cannot be limited to luxuries. To do so would not raise the money. The essence of a tax of this sort is that it should be widely applied."

"If the tax is applied only once at the right rate, it would have to be not a small, contemptible rate but something substantial."

"I repeat, we have to face the fact that we have to limit consumption in the present condition of the war. . . . We have to limit the consumption of ordinary people."

A careful study of Hansard's report on the Resolution gives the impression that (1) the incidence of the tax is likely to be as wide as possible, and beyond the exceptions of food, drink, etc., already notified, a strong case will have to be made out to induce the Chancellor to exclude further classes of goods; (2) the rate or rates of duty will certainly be higher than was at first anticipated; (3) an appeal for the exclusion of any class of goods as, for example, medicinal products, is more likely to be successful if made prior to the Bill being debated in Parliament, and (4) it may be impracticable, even if he wished to do so, for the Chancellor to exclude a section of one general class of products and impose a tax on the remainder.

It is fairly certain that the Chancellor will call for the opinion of the Council of the Pharmaceutical Society in respect of medicinal substances. While the Council, according to the report of their meeting last week, has quite wisely deferred defining its policy on the subject until further details are available, the tenor of the debate was such that there is little doubt they will make an appeal in some form or other for the exclusion of products with which they are directly concerned. It is, however, in our opinion essential that no time should be lost, and that the Society's statement should be in the hands of the Treasury as quickly as possible. On merit and for a number of sound reasons, their case is incontestable, and in pressing it, the Society will have the support of its members. It should, however, not be taken for granted that because the case for the exclusion of medicinal substances is so exceptionally strong, it will be easily achieved. Many trades and industries, some with direct representation in the House of Commons, will be working hard for the same end and they will not all succeed. We therefore suggest that every chemist in the country should communicate with his Member of Parliament, submitting that as foodstuffs are to be exempted from the tax, medicinal substances should also be excluded, on the grounds that (1) such products are purchased and consumed only as absolute essentials for restoring and maintaining the health of the nation and (2) therefore they should not be the subject of a tax which has for one of its objects the restriction of consumption. Many other points could be put forward, but a brief appeal to individual members of Parliament is more likely to be effective than a detailed and considered statement of some length which may be left with confidence to the Society to submit to the Treasury.

Statutory Committee's Warning

The illegal sale of strychnine was the subject of a warning by the chairman of the Statutory Committee at a meeting held on May 1. He pointed out that during the previous three months there had been a number of convictions of registered pharmacists for contravention of Poisons Rule 15, and that though hitherto the Committee had dealt with such offenders merely by a warning that if these deliberate infractions recur the Committee cannot continue to take so lenient a course. The Poisons Rule referred to above states:—

"It shall not be lawful to sell or supply strychnine except as an ingredient in a medicine. Provided that this Rule shall not apply to the sale of strychnine (a) by way of wholesale dealing; or (b) to be exported to purchasers outside the United Kingdom; or (c) for the purpose of being compounded in medicines prescribed or administered by a duly qualified practitioner or registered veterinary surgeon; or (d) to a person or institution concerned with scientific education or research or chemical analysis, for the purposes of that education, research or analysis."

Undoubtedly some pharmacists have supplied strychnine in ignorance of the restriction, as is obvious from the fact mentioned at prosecutions that the transactions have been recorded in the Poisons Register; others have misinterpreted the Rule and have supplied nux vomica. In regard to the latter the Pharmaceutical Society has officially stated that the sale of nux vomica is regarded as a sale of strychnine and undoubtedly the same would apply to any substance that could be proved to contain the alkaloid or its salts. The Poisons Board, in recommending prohibition of the retail sale of strychnine except as a medicine, said that the interests of agriculture in no way require it and its use for the destruction of domestic animals is "particularly callous." In view of the disciplinary powers of the Statutory Committee chemists should abide by the law, for carrying out which they are responsible even though they did not make it.

Rationing of Glucose

The announcement by the Ministry of Food that glucose is about to be rationed (*C. & D. Coloured Supplement*, May 4) brings under supply control yet another important drug trade raw material. After June 1, the probable date on which rationing will be instituted, a permit will be required for the purchase of supplies, and consumers are asked to complete the necessary form of application without delay. While the control of glucose will undoubtedly apply to all users, it appears that the extent of the rationing is as yet undecided. So far as the drug trade is concerned, it is reasonable to suppose that the authorities will bear in mind the somewhat analogous control of sugar, a full ration of which is permitted for medicinal purposes. The case for a full allowance of glucose is even stronger as this substance can be regarded as a true therapeutic agent, and a decision to restrict supplies for medicinal purposes might have serious consequences. A further point for the consideration of those responsible for the rationing of glucose is that the future may bring a sudden heavy demand for medicinal glucose for anti-shock measures. The immense value of glucose in infant feeding, and as an efficient source of energy for growing children, will, it is hoped, also be borne in mind.

IMPRESSIONS OF A REFUGEE CHEMIST

I AM a German chemist and a refugee from Nazi oppression. Naturally, during my stay in your hospitable country, I have taken a keen interest in British pharmacy, and perhaps I may be allowed to comment on some of the differences between the practice of the craft in this country and in Germany. At first sight I was impressed by the number of chemists' shops in this country—there seem to be many more than in Germany. It appears that in Britain every qualified chemist is entitled to open a pharmacy, or to buy an existing one—and I am told even an unqualified person may do likewise if he has a qualified chemist as manager—but in Germany only a qualified man is permitted to own a pharmacy. There are three kinds of pharmacies in that country, differing only in the nature of their ownership. (1) The privileged businesses originating from ancient times; (2) the "Realkonzessionen"; (3) the "Personalkonzessionen." The first two types of business may be sold, but the third type is the property of the owner for his lifetime. The number of pharmacies in Germany is regulated by the Government. I have noticed that in England chemists' shops seem to have no special names, whereas in Germany every pharmacy is distinguished by such descriptions as the "Black Eagle Pharmacy" or the "Lion Pharmacy," or they bear famous names like Goethe, Schiller or King Solomon. The last name, however, is out of favour with the present régime, and has been replaced by descriptions of a more Nordic character. In catholic parts of Germany, pharmacies are frequently named after saints.

Unlike the varied displays one sees in the windows of English pharmacies, the German window usually contains a few proprietaries or simply a plain screen on which are inscribed the names of the pharmacy and its owner. The blue, red or green carboys, so familiar to English pharmacists, are hardly ever seen in Germany. In recent years, German pharmacists, under pressure of the Deutsche Apothekerschaft (the German pharmaceutical society), have been obliged to use what are called "combined displays" in their windows. This means that pharmacists have to sacrifice their windows, in whole or in part, to the "unity" idea. For example, suppose a display of medical teas has been ordered. Big posters and other publicity material arrive (paid for by the pharmacist), together with instructions as to the compulsory display of the appropriate drugs in the window. Other "community" displays are concerned with such subjects as distillation, percolation, a show of apparatus or chemicals, or scientific methods of research. With the exception of one or two displays of doubtful taste these displays did not look bad, but in my opinion their value as propaganda was negligible. The real point is that such compulsory displays rob the chemist of his own initiative for at least a fortnight every time they are ordered. There is, of course, no escape from the obligation to make the displays, and disciplinary measures would promptly be taken against an offender. There are many so-called "drug stores" in Germany selling household goods, cosmetics and a few simple drugs. These establishments are not allowed to dispense medical prescriptions, and their stock consists mainly of goods not usually sold by pharmacists. They have their own organisation, which demands a certain degree of training from members, but their prices are not controlled.

Counter Prescribing

In Germany anyone, with the exception of pharmacists, is at liberty to treat patients professionally whether he has studied medicine or not. Surgical treatment is, of course, an exception. The chemist, however, is allowed to supply medicaments to a person asking for them, unless, of course, the particular drugs requested are the subject of special restrictions. Some compensation is provided for the pharmacist in that German doctors are strictly forbidden to dispense medicines of any description. It is extremely interesting to me to study the methods of prescription pricing adopted in England, and to note that this important matter appears to be left to the consideration of the individual pharmacist. This is far from being the case in Germany. In that country the pricing of prescriptions is rigidly controlled by means of a price list issued by the Government. This list quotes prices of drugs, dispensing fees, costs of containers and so on. Drugs and chemicals are divided into three groups: (1) "indifferent" drugs; (2) strongly-acting substances; and (3) poisons. Prices of small quantities of drugs are graduated according to the three groups mentioned, so that poisons are relatively more expensive than the others. This is how the German chemist prices a prescription. First, he looks up the prices of the ingredients on the list; secondly, he finds the

dispensing fee; thirdly, the price of the container; fourthly (if the prescription contains a narcotic drug), he adds a fee for copying the prescription into the register; and finally, he puts on a percentage for the turnover tax. All these items are marked on the prescription, so that every other chemist who dispenses the prescription charges the same price. [C. & D., February 17, p. 130.]

While there seems to be no control in England over the internal layout of pharmacies—one could, I suppose, open a pharmacy in a private house if desired—in Germany every pharmacist is bound to provide the following accommodation: (1) The "Officine": (2) a well-lighted, dry cellar for the storage of liquids; (3) the "Materialkammer," a dry and well-lighted room—never in the basement—for storage of drugs and chemicals; and (4) a laboratory. If homœopathic medicaments are stocked a separate room must be provided. The standard for drugs is the German Pharmacopœia, and every chemist must keep all the pharmacopœial drugs in stock (i.e. those mentioned in a section called the "series medicaminum"). The division of drugs into three groups, as already mentioned, makes stock-taking a very easy matter, rather different, I imagine, from the task of surveying the heterogeneous collection of products one sees in English pharmacies. Labelling is also carried out on the partition principle, i.e. "indifferent" substances (e.g. sodium bicarbonate or senna pods) are labelled with black letters on a white ground; strongly-acting drugs (e.g. morphine or tincture of aconite) are labelled with red letters on a white ground; drugs classed as dangerous poisons (e.g. strychnine or mercury perchloride) are labelled with white letters on a black ground. The arrangement of shop rounds is relatively simple. The first two groups are arranged in alphabetical order, the poisons being kept in a special cupboard with double doors. The laboratory must contain apparatus for distillation, a microscope, balance, weights, etc., because the pharmacist is bound to examine all drugs or chemicals purchased by him.

In conclusion, my English *confrères* may perhaps be interested in the treatment meted out to me, a German pharmacist of good standing, by the régime now in power in that unhappy country. In 1936 I had to choose between selling my pharmacy (which had been in the family for half a century) or leasing it. I chose the latter course, hoping for better times to come. At that time, however, I could not imagine the degree to which injustice could be carried. In 1939 I was compelled to sell my business, one of the biggest in a German city, as conditions had by then become unbearable for me. The price of my business was fixed by the Deutsche Apothekerschaft, but (need I add?) I have never received the money. I am deeply thankful to England and the English for the refuge that my family and I have found in this island.—M.J. (37/17).

PRESCRIPTION FOR SAFETY

ARE chemists' shops a means of spreading gossip? Reflection suggests that here and there chance words about the war may be spoken by a customer—words that the enemy would definitely like to hear. While it is not easy to say what such words are, it may reasonably be supposed that a mother or wife, anxious about the health of a man engaged on a mine-sweeping trawler or in a merchant-ship which is about to be convoyed, goes to the chemist for a bottle of something good for coughs and colds. Perhaps another of her man's weaknesses responds to a timely dose of physic. Therefore, what is more natural than that she should explain to the chemist in the presence of other people the reason for her purchase? "Such-and-such a remedy," she might say, "always does him good. I am sending him some to (naming a port) before he goes off to (naming a destination)." No harm done by that, somebody may contend. But can this be stated with certainty? May not another person overhearing this statement think it a bit of news to say to a friend that Mrs. Brown's husband or son is sailing from — on Saturday for —? Well, why not? the argumentative one may persist. Just a piece of gossip; nothing more. It is known that the enemy likes to get scraps of gossip like this. His agents are, indeed, actively seeking for them. If one of them happens to get hold of Mrs. Brown's explanation—well, Mrs. Brown may innocently have provided the means of making herself a widow, for a bombing aircraft or U-boat commander would certainly be told where and when to expect the trawler or the convoyed ships. So that even in chemists' shops it seems a wise and timely act to check gossip about the movements of ships or troops, the location of units of the fighting forces and of munition works.—J.J. (30/12).

CHANGES THE WAR MAY CAUSE

SOME months ago there appeared in a daily newspaper a statement that when the Spanish war finished no lipstick or boxes of face powder were to be found in that country. Should the war in which Britain is at present engaged go on for three or four years, similar conditions may occur in this more industrial country.

It seems likely that containers will undergo considerable modification also. One chocolate laxative previously packed in a tin has already made its appearance in a carton, and the present cost of tin-plate would seem to make this material prohibitive in cost, so far as packages are concerned. The carton referred to may, therefore, well be the herald of a gradual change in packaging. Other examples of similar modifications include a popular lipstick now issued in a cardboard tube; an adhesive plaster now put out on cardboard reels, the whole being wrapped in grease-proof paper; a new popular perfume advertised as being in a box of plastic material, but which, when it actually appeared, was packed in a carton; perfumes that have been withdrawn because no bottles of the desired type are available; and perfumes of which the price has been increased owing to the higher cost of the British-made bottles. A widely advertised tablet for indigestion has made its appearance in a carton, and a vapour rub, formerly issued in cartons, now appears still in the glass jar but without the carton.

Other changes that may be expected to occur are the disappearance of collapsible tubes for tooth-paste and similar preparations; substitution for metal caps on perfume bottles of caps prepared from other materials; the appearance of solid brillantines in waxed cardboard containers; and of many more pastilles and lozenges in cartons. Baby foods may have to adopt air-tight cardboard packings, and all brands of lipstick may have to appear in cardboard tubes. The qualities of labels will certainly not improve, and may well decline, and showcards, which have hitherto been so plentiful in this country, will be more carefully conserved and given out only where there is reasonable prospect of their being shown.

Metals are a prime necessity in the prosecution of war. It may well come about, therefore, that the Government will go so far as to restrict the use of metal in the manufacture or presentation of any goods not vitally necessary for the well-being of the people.

Another commodity that is likely to constitute a manufacturing problem is soap. Manufacturers in the past have produced enough soap to meet peace-time demands, but today they are allowed only 60 per cent. of their normal purchases of fats. One maker has already discontinued the manufacture of the coarser varieties of soap and is concentrating on the higher-priced merchandise, which often shows a better profit. Another maker has instituted a definite scheme of rationing of his products. Even if people wash less, the conservation of soap from this cause is not likely to make up the 40 per cent. difference in raw materials. What may happen is that some makers will introduce an *ersatz* soap. Such a commodity might, for example, be made with ingredients similar to those used in the soapless shampoos though the ones at present available themselves depend on imported raw materials. The problem no doubt offers many difficulties, but necessity is still the mother of invention. The writer has actually made tablets of soapless "soap" and they performed their function with every satisfaction, except that they could not be made to look attractive or feel smooth. The product was rather like those varieties of soap offered for scouring pans. Yet to produce a satisfactory article should not be impossible.

Medicines

Even medicines may undergo some change as the war proceeds. Fish-liver oils are a necessity to the community, but in the dangerous state of the North Sea fishermen may be unable to bring home the rich harvest of peace-time days. Cod liver oil is becoming restricted and likely to increase in price, while it is possible that imports of halibut liver oil may not be disturbed to the same extent; possibly then, an increase in the consumption of halibut liver oil as compared with cod liver oil may result. As to drugs of other kinds, practically the entire range in the Pharmacopœia has to be brought to this country in ships. While these commodities come under the category of necessities, some kind of rationing may occur, with the result that prices will further rise. Is there, on this account, a likelihood that English herbs will regain some of their lost popularity? Will old names—eyebright, celandine, marshmallow, tansy—come creeping back into the Pharmacopœia? Will hope replace quassia and lily of the valley strophanthus? Will dispensers be using an infusion of meadowsweet instead of an infusion of gentian? Stranger things could come to pass. The famous Nicholas Culpeper wrote, of the herb eyebright: "If the herb were as much used as it is neglected, it would half spoil the spectacle makers' trade," and today

one nationally-advertised eye lotion and dozens of similar unadvertised preparations include eyebright in their formula.

Perhaps, however, the return to nature is less probable than intensive developments in synthetic drugs. A recently introduced medicinal speciality discovered by British research workers has shown that this country's chemists are no less capable than those of the enemy, and it is well known that war stimulates medical research. The writer has already been informed by one representative that there will shortly be marketed a synthetic drug possessing all the virtues of morphine without, it is claimed, its drawbacks.—*Spencer Wells* (15/3).

CHEMICAL MERCHANTS' MEETING

THE seventeenth annual general meeting of the members of the British Chemical and Dyestuffs Traders' Association was held at the Great Eastern Hotel, London, E.C.2, on May 1, Mr. A. F. Lawson (chairman) presiding. The chairman pointed out that it had been decided not to hold a luncheon this year.

In the course of his report on the year's work of the Association the chairman said: I can say with confidence that the work performed on behalf of the trade generally and for individual firms in particular has been highly appreciated by members. Whatever questions arise in connexion with a control order, licensing restrictions, war risk insurance, import duties or customs regulations, the Association is always at hand to advise and to help. Numerous inquiries are being answered daily and I want members to realise that the use of the Association in this way helps considerably to lighten the task of Government officials, who prefer to deal with representative bodies rather than with individual firms. Your Council has devoted much of its time to considering questions which have arisen out of war-time conditions affecting the interests of members. I am pleased to record that the relations between the Association and the Government departments continue to be most cordial. Quite a few of the control orders concern the chemical industry. As merchants and distributors we dislike trade control but we recognise the necessity for proper supervision of supplies.

The Association has been able to assist in overcoming problems connected with sources of supply of raw materials and in order that inquiries could be more promptly dealt with the secretary has compiled an index of chemicals and their merchant suppliers and this, I understand, has proved an extremely useful reference. The question of maintaining adequate supplies of certain chemicals for consuming industries is constantly under consideration and here it must be stated that, due to the enterprise of the merchant, supplies of quite a few chemicals not obtainable from home sources have been made available in this country. Your Council considered it advisable to set up a sub-committee to examine the effect of war-time restrictions on supplies of these raw materials and the discussions which this sub-committee has had with other representative associations have established a measure of co-operation which should prove very beneficial to all concerned.

The list of goods which may only be imported under licence includes a wide range of chemicals, and, therefore, the manner in which these regulations were to be operated called for the close attention of the Association; I think you will agree when I say there has been no cause for anxiety. Careful examination of statements of past trading submitted by applicants has enabled the Import Licensing Department to protect the interests of established traders, and energetic efforts have been made to give prompt consideration to applications. The Department must be congratulated on the able and fair manner in which it has carried out its onerous task. In the chemical industry a very substantial export business has been built up by merchants who, I think, can justly claim to have laid the foundation of much of this country's overseas trade, and an established merchant organisation can conduct export trade more effectively and at a lower cost than the individual producer. In consultation with the Export Council the Association has under consideration the formation of a Merchants' Export Group for chemicals. This Group, membership of which would be open to all chemical merchants with export interests, would of course work in close touch with the export groups representing the interests of manufacturers in the various branches of the chemical industry.

In concluding his report, Mr. Lawson thanked the president and members of the Executive Council for their loyal support, and the report was adopted with approval.

The following elections took place: *President*, Mr. Victor Blagden; *Vice-Presidents*, Mr. A. F. Butler and Mr. S. J. C. Mason; *Chairman*, Mr. A. F. Lawson; *Vice-Chairman*, Mr. F. A. Waugh; *Treasurer*, Mr. W. Beckley; *Auditor*, Mr. B. C. Hughes; *Executive Council*, Mr. J. F. A. Segner, Mr. A. E. Reed, Mr. C. W. Lovegrove, and Mr. S. R. Price.

TRADE REPORT

Spot quotations recorded for pharmaceutical chemicals, crude drugs, essential oils, etc., represent the prices for wholesale quantities of standard quality. C.i.f. shipment quotations do not include marine war risk insurance and other abnormal charges which arise under the present state of emergency

28 Essex Street, W.C.2, May 8

MARKETS have been quiet during the week, with few changes in prices. The situation in the Mediterranean has not greatly affected markets so far, but it would seem that longer haulage, and consequently higher freight charges, will eventually increase prices of some commodities. Business in PHARMACEUTICAL CHEMICALS continues about up to recent average. AMIDOPYRINE and BARBITONE are reported firmer. EPHEDRINE is easier. A slight increase in the scales of prices of METHYLATED ETHERS is recorded. Makers announce an advance of threepence per lb. on SODIUM SALICYLATE.

Crude Drugs

Demand continues fairly good, and prices are steady, despite factors which might be expected to have a disturbing effect on business. AGAR is quoted unchanged on spot, and shipment is firm. BALSAMS remain steady, with supplies limited. More inquiry is reported for CAMPHOR, with only small stocks of Japanese remaining. CARDAMOMS is neglected. CASCARA SAGRADA is in fair demand. CLOVES is now a quiet market after some activity reported last week. Spot stocks of Norwegian COD LIVER OIL are now practically exhausted, and there is little prospect of supplies coming forward; quotations for British medicinal oil continue nominal. DIGITALIS LEAVES are scarce on spot. French GENTIAN ROOT is quoted dearer on spot. GINGER continues quiet and unchanged at last week's figures. GUM ACACIA is quoted rather dearer on spot. HONEY is still in short supply and quoted unchanged. MATTO GROSSO IPECACUANHA continues firm, but Minas is easier. Demand for Japanese MENTHOL continues small, but the Chinese material finds a ready sale. A fair amount of inquiry is reported for PEPPER, and the market is steady. PIMENTO is quiet, and prices for spot have eased slightly. A good demand is reported for RHUBARB, and stocks are being cleared. A small allocation of CANARY SEED is noted, but no definite indication of value is available. SENEGA is in strong demand on spot. Tinnevely SENNA PODS are slightly dearer on spot; the LEAVES are unchanged. The consignment of Alexandrian hand-picked pods mentioned in last week's report was immediately cleared, and the market is now bare of supplies. A shipment price for new-crop TURMERIC is quoted, delivery depending on freight being available.

Essential Oils

Business has been on the quiet side, but values are well maintained. The issue of an open general licence for import of essential oils from British and French Empire sources, reported last week, has been well received, and will have a favourable influence on business in these commodities. ALMOND continues quiet and steady. A better demand is reported for ANISE (STAR). BERGAMOT is unchanged and in short supply. CARAWAY is firm. Spot supplies of CASSIA are limited, and the market firm. No improvement is apparent in CITRONELLA. GERANIUM is rather short on spot, and no shipment offers are available. The controlled price for crude LINSEED has been increased, as a result of higher costs of seed and freight. NUTMEG is firmer for shipment. Japanese PEPPERMINT has been in good demand, with spot reported dearer. Tunis ROSEMARY is slightly dearer on spot. VETIVER is firm, with stocks limited.

Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Wednesday morning:—

Centre	Quoted	Par	May 1	May 8
Amsterdam ..	Fls. to £	12·107	7·55*	7·55*
Brussels ..	Belgas to £	nominal	23·82*	23·92*
Buenos Aires ..	Paper pesos to £	—	17·17*	17·17*
Copenhagen ..	Kr. to £	18·159	—	—
Lisbon ..	Esc. to £	110	103½	102½
Madrid ..	Ptas. to £	25·24½	38·75	38·25
Milan ..	Lire to £	92·46	69½	67
Montreal ..	Dols. to £	4·86½	4·45*	4·45*
New York ..	Dols. to £	nominal	4·03*	4·03*
Oslo ..	Kr. to £	18·159	—	—
Paris ..	Fr. to £	124·21	176½*	176½*
Shanghai ..	Per dollar	—	4½d.	3½d.
Stockholm ..	Kr. to £	18·150	16·90*	16·90*
Yokohama ..	Per yen	25.	1s. 4d.	1s. 4½d.
Zurich ..	Frs. to £	22·2115	17·90*	17·90*

* Rate fixed by Bank of England. Bank rate, 2 per cent.

Pharmaceutical Chemicals, etc.

BUSINESS has been fair, and quotations, with one or two exceptions, are unchanged. Methylated ethers are at slightly increased prices. Paraldehyde is in greater demand. Phenylethylbarbituric acid is easier.

ACETANILIDE.—Prices steady; fair trade in small lots. B.P., leviss., from 2s. 3d. to 2s. 6d. per lb., as to quantity.

AMIDOPYRINE.—Market continues firm; no change in dealers' quotations. One cwt., 18s. per lb.; smaller quantities, up to 20s. per lb. for crystals, with powder 3d. per lb. extra.

AMMONIUM ICHTHIOSULPHONATE.—Slow and unchanged: One-cwt. lots, in 1-lb. tins, 3s. 3d.; smaller lots, 3s. 6d.; in 14-lb. tins, one cwt., 2s. 9d.; smaller lots, 3s. per lb., ex store.

ATROPINE.—Makers' scales of prices continue unchanged, as follows—

	oz.	4 oz.	25 oz.	100 oz.
Alkaloid	17s. 6d.	17s. 0d.	16s. 6d.	16s. 0d. oz.
Sulphate	14s. 0d.	13s. 6d.	13s. 0d.	12s. 6d. oz.

Bottles, under 5 gm. or ¼ oz., corked, 3d.; stoppered, 5d.; 5 gm. to 25 gm. or ½ oz. to 1 oz., corked, 3½d.; stoppered, 6d.; 25 gm. or 1 oz., corked, 3½d.; stoppered, 7½d. 50 gm. or 2 oz., corked, 4d.; stoppered, 9d. each; 100 gm. and over, included in price tubes, per 100, 5-gr., 10s. 6d.; 10-gr., 12s. 3d.; 15-gr., 14s.

BARBITONE.—Market firm; prices unchanged, as follows: One cwt. 22s. per lb.; 28 lb., 23s.; smaller quantities, up to 26s., ex store.

BENZOIC ACID (B.P.).—Not in great demand, and quoted unchanged. Makers require from 1s. 10½d. to 2s. 3d. per lb. for forward delivery.

BORAX (B.P.).—Steady at makers' prices. Granulated, £28 10s. crystals, £29 10s.; powder, £30 per ton, in 1-cwt. bags, carriage paid in Great Britain, in minimum one-ton lots. Commercial quality, £1 per ton less.

BROMIDES.—Steady; no change in makers' prices, as follows: POTASSIUM (B.P.), not less than 5 cwt., 2s. 2d. per lb.; 1 cwt., 2s. 3d.; 28 lb. 2s. 9½d. SODIUM (B.P.) not less than 5 cwt., 2s. 4½d. per lb.; 1 cwt. 2s. 5½d.; 28 lb., 3s. AMMONIUM (B.P.C.), not less than 5 cwt., 2s. 5½d. per lb.; 1 cwt., 2s. 6½d.; 28 lb., 3s. 1d. Net. Rise-and-fall and re-sale clauses apply. Without engagement. Special prices for larger quantities 28-lb. parcels and 1-cwt. cases or kegs free.

CAFFEINE.—Dutch shippers' quotations continue as follows: PURE, less than 56 lb., 2 dollars 55 cents per lb.; 56 lb., 2 dollars 50 cents; 1 cwt., 2 dollars 45 cents; and 2 cwt., 2 dollars 40 cents. CITRATE, less than 56 lb., 1 dollar 63 cents per lb.; 56 lb., 1 dollar 61 cents; 1 cwt., 1 dollar 58 cents; 2 cwt., 1 dollar 56 cents, f.o.b. Amsterdam or Rotterdam. PURE, on spot, would be worth not less than 20s. per lb., if available.

CALCIUM LACTATE.—Makers continue to quote up to 1s. 8d. per lb. for small quantities.

CITRIC ACID (B.P. CRYSTALS).—Unchanged. Makers' price for home consumers nominal at 1s. 2d. per lb., less 5 per cent. discount.

CREAM OF TARTAR (B.P.).—A nominal price for home trade of 122s. per cwt., less 2½ per cent. discount, is notified by one maker, with supplies restricted to regular consumers.

EMETINE HYDROCHLORIDE.—Makers continue to quote at from 95s. and 99s. per oz., as to quantity.

EPHEDRINE.—Demand limited: HYDROCHLORIDE, B.P., easier at from 7s. 6d. to 7s. 9d. per oz. for large quantities. Smaller quantities, up to 10s. per oz.

ETHERS (METHYLATED).—Makers' scales of prices are slightly increased, as follows:—

Grade	W. qts., per lb.	Not less than		Drums per lb.
		6 w. qts., per lb.	12 w. qts., per lb.	
S.G.	S. d.	S. d.	S. d.	S. d.
0·750 ..	1 4	1 3½	1 3	1 2
0·735 ..	1 4½	1 4	1 3½	1 2½
0·730 ..	1 4½	1 4	1 3½	1 2½
0·725 ..	1 6½	1 6	1 5½	1 4½
0·725 triply rectified ..	1 11	1 10½	1 10	1 9
0·720 ..	1 7½	1 7	1 6½	1 5
0·717 ..	2 1½	2 1	2 0½	1 11½
0·720 B.P. not for anaesthesia	1 9½	1 9	1 8½	1 7½

Net prices, usual terms. Special prices for quantities and contracts, subject to rise-and-fall clause. Prices for anesthetic ethers unchanged.

GALLIC ACID.—Dealers are quoting in cwt. lots at from 4s. 2½d., and smaller parcels at up to 4s. 6d. per lb., ex store.

GUAIACOL CARBONATE.—Demand continues good, but not much material available. Makers and dealers quote from 12s. 6d. to 13s. per lb., ex store, as to quantity.

GUAIACOL (CRYSTALS).—Makers' prices steady at from 10s. 9d. to 11s. 6d. per lb., as to quantity. Liquid, from 10s. 6d. upwards, as to quantity. Demand good but stocks limited.

HEXAMINE.—Market quiet but steady: free-running crystals, about 1s. 7½d. for bulk quantities, up to 1s. 10½d. per lb. for small parcels; powder at cheaper prices.

LACTIC ACID (B.P.).—Small business passing; prices steady. Quantities, in 1-cwt. carboys, 1s. 8½d. per lb.; in winchesters and bottles, 1s. 9d. to 2s. per lb., ex store, according to quantity.

MERCURY IODIDES.—Makers' prices per lb. continue unchanged as follows: RED, less than 7 lb., 17s. 4d.; not less than 7 lb., 17s.; not less than 14 lb., 16s. 6d. GREEN, less than 7 lb., 19s. 4d.; not less than 7 lb., 19s.; not less than 14 lb., 18s. 6d. YELLOW, less than 7 lb., 20s. 10d.; not less than 7 lb., 20s. 6d.; not less than 14 lb., 19s. net, carriage paid.

MERCURIALS.—The controlled prices for these products continue at the recent advance, as follows:—

	Over 7 lb. but less than 28 lb.	28 lb. and over but less than 1 cwt.	1 cwt. and over but less than 2 cwt.	2 cwt. and over but less than 5 cwt.	5 cwt. and over
	s. d.	s. d.	s. d.	s. d.	s. d.
Mercury bichloride, powder ..	12 8	12 4	12 3	12 2	12 0
Mercury bichloride (industrial users) ..	12 8	12 4	12 3	12 1	11 11
Mercury bichloride, lump ..	13 3	12 11	12 10	12 9	12 6
Mercury ammonium chloride, powder ..	14 7	14 3	14 2	14 1	13 7
Mercury ammonium chloride, lump ..	14 5	14 1	14 0	13 11	13 5
Mercurous chloride ..	15 0	14 8	14 7	14 6	14 4
Mercury oxide, red crystalline, B.P. ..	16 9	16 5	16 4	16 3	16 1
Mercury oxide, red levigated, B.P. ..	16 3	15 11	15 10	15 9	15 9
Mercury oxide, red technical ..	All quantities—15s. 6d. per lb.				
Mercury oxide, yellow levigated, B.P. ..	16 2	15 10	15 9	15 8	16 8
Mercury oxide, yellow technical ..	All quantities—15s. 2d. per lb.				

Packages are free for quantities of 28 lb. and over, and delivery is free on orders of £20 and over.

MERCURY SULPHIDE, RED (VERMILION).—The controlled prices are unchanged, as follows: Over 7 lb. but not more than 30 lb., 13s. 11d.; over 30 lb. but less than 1 cwt., 13s. 10d.; 1 cwt. and over but less than 5 cwt., 13s. 9d.; 5 cwt. and over but less than 10 cwt., 13s. 8d.; 10 cwt. and over but less than 20 cwt., 13s. 7d.; 20 cwt. and over, 13s. 6d. per lb. Packages free; delivery free on orders of £10 and over; all prices net cash fourteen days.

METHYL SULPHONAL.—A small spot supply is valued at from 40s. to 42s. 6d. per lb., ex store.

PARALDEHYDE.—Rather more demand reported. Spot, in 1-cwt. carboys, 1s. 3d. to 1s. 3½d. for quantities; in winchesters, up to 1s. 10½d. per lb., ex store, for smaller quantities.

PHENACETIN.—No change in makers' prices for ordinary quantities at from 3s. 6d. to 3s. 9d. per lb.; quotations are given without engagement. Little material is in dealers' hands, and prices continue firm at about 6s. 9d. to 7s. per lb.

PHENAZONE.—Dealers' prices now range from 18s. for bulk quantities up to 22s. per lb. for small parcels, ex store, with not much material available.

PHENOLPHTHALEIN.—Continues firm, with makers' prices unchanged. Less than 7 lb., 3s. 8d. per lb.; 7 lb., 3s. 7d.; 14 lb., 3s. 6d.; 28 lb. 3s. 5d.; one cwt., 3s. 4d.

PHENYLETHYLBARBITURIC ACID (B.P.).—Limited supplies on spot; quotations easier at from 30s. to 32s. 6d. per lb., in bottles.

PIPERAZINE.—Bulk quantities would be worth about 75s. per lb.; small lots, in 1-oz. bottles, 5s. 6d. to 6s. per oz.

POTASSIUM PERMANGANATE.—Makers' scales of prices continue unchanged, as follows:—

	Minimum delivery of				
	1 cwt. up	3 cwt. up	5 cwt. up	1 ton up	4 tons up
B.P. quality, per lb.:	s. d.	s. d.	s. d.	s. d.	s. d.
In 1-cwt. drums ..	1 5½	1 5	1 4¾	1 4½	1 4½
In 5-cwt. drums ..	—	—	1 4¾	1 4½	1 4
Technical quality, per cwt.:					
In 1-cwt. drums ..	161 6	157 0	154 6	152 0	149 6
In 5-cwt. drums ..	—	—	152 0	149 6	147 3

Terms: Net, delivered nearest railway station in Great Britain, drums extra and returnable.

QUININE SALTS.—Prices for these salts continue steady as quoted: SULPHATE, 104.90 Dutch florins; HYDROCHLORIDE, 131.25; BIHYDROCHLORIDE, 143.75; ETHYL CARBONATE, 134.50 per 100-oz., f.o.b. Holland. 100-oz. tins free; smaller packages extra. Supplies of SULPHATE in dealers' hands limited and quoted at 3s. 1d. to 3s. 2d. per oz.

RESORCIN.—No change in makers' prices: Not less than 7 lb., 7s. 3d. per lb.; not less than 14 lb., 7s.; not less than 56 lb., 6s. 10d., not less than 1 cwt., 6s. 9d. Dealers' prices for any spot material available would be about 8s. 6d. to 9s. per lb.

SALOL.—Prices continue firm at from 6s. 9d. to 7s. per lb., as to quantity.

SODIUM BARBITONE.—The current quotations are: One cwt., 23s. per lb.; 28 lb., 24s.; smaller quantities, 27s., ex store.

SODIUM SALICYLATE (B.P.).—Makers' prices have advanced by three-pence per lb., and are now as follows:—

In containers of	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb. ..	3 0	2 10½	—	—	—	—
4 lb. and under 7 lb. ..	2 11	2 9½	2 9½	—	—	—
7 lb. and under 14 lb. ..	2 10	2 8½	2 8½	2 7½	—	—
14 lb. and under 28 lb. ..	2 9	2 7½	2 7½	2 6½	2 6½	—
28 lb. and under 1 cwt. ..	2 8	2 6½	2 6½	2 5½	2 5½	2 5
1 cwt. and under 5 cwt. ..	2 3	2 1½	2 1½	2 0½	2 0½*	2 0
5 cwt. and under 1 ton ..	2 2½	2 1	2 0½	2 0½	2 0*	1 11½
1 ton ..	2 2	2 0½	2 0½	1 11½	1 11½*	1 11

* 8 × 14 lb. and upwards, in one delivery, ½d. lb. less.

Prices include parcels or collapsible cartons: other packages charged extra. Sodium salicylate cannot be assorted with salicylic acid. Prices are quoted subject to an undertaking on part of buyer not to re-sell any quantities of above product at prices or terms below scale for such quantities current at time re-sale is made.

SULPHONAL.—Dealers are quoting 33s. per lb., for bulk quantities; for small parcels, up to 35s. per lb.

TARTARIC ACID (B.P. CRYSTALS).—Makers' quotation continues nominal at 1s. 6½d. per lb., less 5 per cent. discount, with supplies reserved for regular consumer customers. Small supplies of foreign material quoted at about 2s. 3d. per lb.

THEOBROMINE.—Dutch shippers' prices continue firm as follows:—PURE: Less than 56 lb., 2 dollars, 55 cents; 56 lb., 2 dollars 50 cents; 1 cwt., 2 dollars 45 cents; 2 cwt., 2 dollars 40 cents per lb. SODA SAL.: Less than 56 lb., 1 dollar 81 cents; 56 lb., 1 dollar, 79 cents; 1 cwt., 1 dollar 77 cents; 2 cwt., 1 dollar 74 cents per lb., f.o.b. Amsterdam or Rotterdam.

VANILLIN.—Not much on spot. Makers' prices continue unchanged as follows: Ex clove oil or guaiacol, five cwt., 14s. 6d. per lb.; one cwt., 14s. 7½d.; 56 lb., 14s. 9d.; less than 56 lb., 15s., carriage paid in the United Kingdom.

Crude Drugs, etc.

Spot demand continues fairly good, with prices steady. Gum acacia is rather dearer. Tinnevely senna pods are again advanced, and the market has been cleared of Alexandrian hand-picked pods. Carnauba wax is dearer for shipment.

AGAR.—There are no changes to report in spot prices; demand continues to be good. Kobe No. 1 material is quoted at 8s. to 8s. 3d. per lb.; Kobe No. 2, 7s. 6d. to 7s. 10½d.; and Yokohama No. 1, 7s. 6d. to 7s. 9d., duty paid. Shipment from Japan remains firm; April–May, Kobe No. 1, 7s. 3d. to 7s. 6d., with buyers at 6s. 9d.; Kobe No. 2, 6s. 9d. to 6s. 10d., c.i.f., with sellers at 6s. 6d. to 6s. 7d.; Yokohama No. 1, 6s. 10d. per lb., c.i.f.

ALKANET ROOT.—Spot is quoted rather dearer at about 77s. 6d. per cwt., ex store.

ALOES.—The price for Curaçao on spot is about 290s. to 300s. per cwt., ex store, according to quality. There are no shipment offers from source. Cape is in small demand at about 57s. 6d. to 60s. per cwt., on spot; Zanzibar, leaves, about 80s. to 85s. per cwt., ex store.

BUCHU.—Some inquiry this week. New-crop rounds, about 2s. 7d. to 3s., and ovals, 2s. 7d. per lb., ex store. Shipment is quoted at about 2s. 6d. per lb., c.i.f., for new crop.

CAMPHOR.—Rather more inquiry this week, with little Japanese remaining. Tablets on spot are worth about 5s. 6d. per lb.; slabs, 5s. 3d.; duty paid. Owing to the firmness of the yen, prices from Japan are maintained at the levels recorded last week, i.e. 5s. 4½d. for tablets and 5s. 3d. for slabs, c.i.f., for May–June shipment. There are no actual offers of BB commercial grade but a good deal of inquiry. Continental synthetic powder, 5s.; tablets, 5s. 6d. per lb., ex store. English makers of refined recently increased their prices as follows: Flowers, one cwt., 5s. 9d.; 28 lb., 5s. 10d.; less than 28 lb., 5s. 11d. per lb. Transparent tablets, 4-oz., one cwt., 6s. 3d.; 28 lb., 6s. 4d.; less than 28 lb., 6s. 5d. per lb.

CASCARA SAGRADA.—Market steady; business moderate. Spot, 1939 peel, about 100s. per cwt., ex store; 1938 peel, about 110s. to 115s. per cwt., ex store. There is a suggestion of new crop for August shipment at about 69s. per cwt., c.i.f., but no business is passing yet.

CASCARILLA.—Spot, in limited supply, quoted at about 1s. 6d. per lb.; siftings, about 1s. 4d. per lb.

CLOVES.—Market quiet. Zanzibar unchanged on spot at 9½d. per lb.; shipment, May–June, 9½d., c.i.f.; Madagascar, sellers at 9½d. per lb., in bond; shipment, May–June, 9½d. per lb., c.i.f.

COCONUT (DESICCATED).—This market continues quiet. Fine spot, 26s. 6d.; medium, 26s.; shipment, May–June, 21s. per cwt., c.i.f.

COD LIVER OIL.—There is no change in the position of Norwegian medicinal oil. Spot stocks are practically exhausted, and no supplies are coming forward. Quotations for finest-quality British medicinal oil continue nominal.

DERRIS ROOT.—Spot, 18 per cent. ether extract, is quoted at about 7½d. to 8d. per lb. Root of about 4 to 5 per cent. rotenone content would be worth about 1s. 3d. per lb., if available. There are no shipment offers.

DIGITALIS LEAVES.—Dealers are quoting about 150s. per cwt. for ordinary quality. Supplies are limited.

ERGOT.—In good demand, but still extremely short on spot. Portuguese, about 25s. per lb.; shipment, about 21s. to 22s. 6d. per lb., c.i.f. Spanish, spot, about 27s.; shipment, in the region of 21s. 6d., c.i.f. Hungarian scarce; spot, about 14s. 9d. to 15s. for small lots, and afloat, about 13s. per lb., c.i.f.

GAMBOGE.—Some good Siam pipe available at about £26 per cwt., duty paid.

GINGER.—This market continues quiet. West African, spot, 29s. per cwt.; shipment, May–June, 22s., c.i.f. Jamaican, spot, small-medium, 55s.; bold, in barrels, 85s. per cwt., ex store. Cochín, unwashed, 45s. per cwt., ex store; shipment, 33s. per cwt., c.i.f.

GUM ACACIA.—Market quiet. Kordofan cleaned sorts, dearer on spot at about 65s.; shipment, 45s. per cwt., c.i.f.

HENBANE.—Spot, scarce, about 180s. per cwt., nominal, ex store.

HENNA.—Limited supplies of new-crop Egyptian leaves are available in London at from 55s. to 60s. per cwt., ex store, according to colour. It is difficult to obtain freight for this product.

IPÊCACUANA.—The spot market is firm, with Matto Grosso at about 26s. to 27s. per lb., according to holder. Shipment continues firm, May–June, 22s. to 23s. per lb., c.i.f. Minas is easier on spot at about 12s. 9d.

to 13s. 3d. per lb., according to test. Shipment, rather easier at about 10s. 6d. to 11s. per lb., c.i.f. EXT. IPEACAC. 110s., 35s. 6d. per lb. for minimum lots of twelve Winchester.

MENTHOL.—Chinese material continues in good demand; spot, about 15s. to 15s. 3d. per lb.; shipment, May–June, 13s. 6d. to 14s., c.i.f., according to brand and seller. No demand for Japanese; K/S brands are at about 20s. per lb., duty paid, and 19s., in bond. Shipment offers from source are at about 23s. and upwards, c.i.f., with no business passing.

MERCURY.—The price quoted ex warehouse, London, net, without engagement, is £51 8s. 6d. per bottle of 75 lb. No shipment prices available.

ORRIS ROOT.—Fair Florentine sorts is quoted at the increased price of 120s. per cwt., ex store.

PEPPER.—This market has been steady, with fairly good inquiry. Lampung, in bond, 3½d., May–June, 2½d., c.i.f. Tellicherry, spot, 4½d.; May–June, 34s. 6d. per cwt., c.i.f. Aleppy, spot, 4½d.; May–June, 34s. 6d., c.i.f. White Muntok, duty paid, 5½d.; in bond, 4½d.; May–June, 4½d. per lb., c.i.f.

PIMENTO.—Market quiet; some inquiry. Spot, 1s. 2d. per lb.; shipment, May–June, nominal.

RHUBARB.—Firm; stocks of good quality rough-round are now being cleared. Spot, about 4s. 9d. per lb.; fair quality rough-round, valued at about 4s. 7½d. per lb.; some slightly wormy reported sold at 3s. 9d. per lb. Rough-round, for May–June shipment, offered at 4s. 4d. to 4s. 8d. per lb., c.i.f.

RUBBER.—Market closed on the quiet side, with moderate business passing. Standard ribbed smoked sheet, spot, 11½d.; shipment, May, 11½d.; July–September, 11½d. per lb.

SEEDS.—**ANISE.**—Spot, Syrian, 75s.; Bulgarian, 74s.; both duty paid; Cyprus, 77s. 6d., duty free. **CANARY.**—The market has received a small allocation, but no definite indication of value can be furnished. **CARAWAY.**—Spot, Dutch, quoted 84s. to 85s., duty paid; shippers not quoting f.o.b. Holland. **CORIANDER.**—Market remains quiet; Morocco, spot, offered at 22s. 6d., duty paid, and 20s., in bond. **CUMIN.**—Spot, Malta, 85s., and Cyprus, 75s., both duty free. Morocco, 80s., duty paid, and 75s., in bond. **DILL.**—Spot, Indian, 11 per cent., 36s., duty free. **FENNEL.**—Spot, Indian, quoted at 54s. to 55s., duty free; Iran, 52s. 6d. to 55s., in bond. **FENUGREEK.**—Spot, Morocco, 19s., duty paid. **MUSTARD.**—Market firm; 50s. to 62s. 6d. quoted, according to quality.

SENEGA.—Spot, in strong demand, and business reported done up to 5s. per lb. Offers from origin for May–June shipment at about 4s. 6d. to 4s. 9d., and, although early, these may refer to new crop.

SENNA.—Tinnevely pods are quoted ¾d. dearer per lb.; leaves unchanged. Pods, best pale hand-picked, 10½d.; darker grades, 6½d. to 7½d.; f.a.q., 5½d. per lb.; leaves, No. 1, 8½d.; No. 2, 5½d.; No. 3, 4½d. per lb. The small consignment of new-crop Alexandrian hand-picked pods reported arrived last week was immediately cleared, and the market is now bare of supplies.

SHELLAC.—Market steady; moderate business passing. Spot, standard TN orange, 79s. to 82s.; pure button, 120s.; fine orange, 125s. to 170s. per cwt. For arrival, TN orange, 68s. 6d. per cwt., c.i.f.

TONKA BEANS.—Fair frosted Para beans quoted at from 2s. to 2s. 6d. per lb. as to quality and quantity, ex store. Angostura, spot, 9s. per lb. Business continues quiet.

TURNERIC.—Spot, Madras and Rajapore finger, offered at 45s.; shipment, new crop, May–June (subject to freight being available), Madras, 35s., c.i.f.; Rajapore, 36s., c.i.f.

WAXES.—**BEES'** Values maintained but business limited owing to lack of stock. Spot, from 170s.; in bond, 160s.; shipment, Dar-es-Salaam, 155s. per cwt., c.i.f. Japanese, first three brands, spot, 120s., duty paid; shipment, 97s. 6d., c.i.f. **CARNAUBA:** Forward quotations continue at recent advances. Fatty grey, 420s.; chalky grey, spot, 410s. Primeira spot, 520s.

Essential and Expressed Oils, etc.

CONDITIONS rather quiet, with values fully steady. Bergamot is unchanged, but owing to the shortage of genuine oil artificial oil has become available. Linseed is dearer. Tunis rosemary is quoted higher.

ALMOND.—Market quite and steady. Expressed oil, spot, cwt. lots, 3s. 2d.; smaller quantities, up to 3s. 9d. per lb., ex store. French, genuine bitter, firmer at about 12s. 6d. or more per lb., ex store.

ANISE (STAR).—In better demand this week. Tins in cases, 4s. 1½d. to 4s. 2d. per lb.; leads, 4s. 3d.; drums, 4s.; shipment, April–May, tins in cases, 3s. 8d. to 3s. 9d.; drums, 3s. 7d. to 3s. 8d. per lb., c.i.f. Some drums now afloat are reported sold at 3s. 9d. per lb., c.i.f.

BERGAMOT.—Spot values remain a matter for negotiation, but about 35s. per lb., ex store, is indicated. Supplies of genuine oil are limited.

BOIS DE ROSE.—Spot, about 8s. to 8s. 6d. per lb., ex store; market steady. Shipment, about 7s. 6d. per lb., c.i.f.

CITRONELLA.—No improvement in these oils; market continues dull. Ceylon, spot, drums, 2s. 4d. to 2s. 6d.; small quantities, up to 3s. per lb.; shipment, drums, about 2s. per lb., c.i.f. Java, spot, drums, about 2s. 6d. to 2s. 10½d.; small quantities, up to 3s. per lb.; shipment, about 1s. 11d. per lb., c.i.f.; business of small account.

CIVET.—Spot would be worth about 29s. per oz. for highest-quality oil.

CLOVE.—Madagascar oil continues to be quoted on spot at about 5s. and upwards per lb., for drums, if available; English distilled oil, firm at 7s. to 7s. 3d. per lb., according to quantity.

EUCALYPTUS.—The position in this market shows little change, with spot prices steady at recent figures; spot, from 4s. 6d. to 5s. per lb., as to holder, for 80 to 85 per cent. oil. Shipment firm; April–May, quoted at about 3s. per lb., c.i.f.

GERANIUM.—Not much available on spot. Good-quality Bourbon is firmly held at 15s. per lb.; shipment, firm at about 13s. 6d. per lb., c.i.f. Algerian is quoted on spot at about 16s. per lb.; no shipment offers available.

LAVENDER.—This market remains dull, with values steady. Good 38 to 40 per cent. oil is quoted at from about 17s. 6d. up to 20s. per lb. ex store. **LAVANDIN**, 11s. 6d. to 15s. per lb., ex store, according to quality.

LEMON.—Spot is quoted at about 20s. per lb., for finest hand-pressed, with blended oils at lower prices. Shipment is now about 21s. per lb., c.i.f., for genuine oil. Californian oil, distilled, regular quality, 8s. 6d. per lb., at wharf. Shipment prices for cold-pressed are at the 20 cents increase recorded recently.

LIME.—Genuine West Indian distilled, about 24s. per lb., with other qualities at lower prices.

LINSEED.—The controlled price for large bulk quantities of crude, naked ex works, has been increased to £47 10s., per ton as a result of higher costs of seed and freight. Distributors' prices for ordinary quantities of crude or boiled, packed and carriage paid, would be at higher figures.

NUTMEG.—Firm with quotations unchanged. American, 11s. 9d. to 12s. 6d., as to quantity; shipment, 10s. 6d. per lb., c.i.f. Dutch quoted on spot at about 13s. to 13s. 6d. per lb., as to quantity, ex store.

ORANGE.—Market steady; not much business passing. Spot, about 4s. 6d. to 5s. per lb. No shipment quotations available. Californian oil is quoted in sterling at 4s. 10d. per lb., in small drums, ex store, duty paid, limited supplies only being available.

PALMAROSA.—Spot remains firm at about 11s. 6d. per lb., ex store, and supplies limited. Shipment, firm and unchanged at about 10s. per lb., c.i.f.

PATCHOULI.—Any genuine Singapore oil on spot would be worth about 35s. to 37s. 6d. per lb. Seychelles oil is also reported scarce and is valued at about 27s. 6d. to 30s. per lb., nominal. No shipment offers available.

PEPPERMINT.—Japanese oil is in good demand, and up to 9s. per lb. is reported paid on spot; some odd lots are now available at about 9s. 3d. per lb. Chinese material is in good demand at about 5s. 9d. per lb., spot, with not much available; shipment, May–June, business done at 5s. 1d., sellers now ask 5s. 3d. per lb., c.i.f. American natural oil remains steady. Quoted at 14s. 3d., in drums, and 14s. 6d., in tins in cases, c.i.f. Spot, about 16s. per lb., ex store.

PETITGRAIN.—Spot is quoted at about 9s. 6d. per lb., nominal, ex store. Shipment, drums only, unchanged at about 7s. 6d. per lb., c.i.f.

ROSEMARY.—Spot price for Spanish oil is about 3s. 6d. to 3s. 9d. per lb., ex store. Tunis is slightly dearer at about 3s. 6d. per lb.

SPIKE.—Quoted at in the region of 7s. 6d. to 8s. per lb. for good-quality Spanish, ex store. Other grades would be cheaper.

VETIVERT.—Market firm, with limited supplies of Bourbon valued at about 25s. to 26s. per lb. Java is quoted on spot at about 21s. to 22s. per lb., ex store.

WORMSEED.—Steady; not much available. Spot, 24s. 6d.; shipment, 23s. per lb., c.i.f.

WORLD MINERAL INDUSTRIES

No. 17—Potash Minerals

THE following details of world production of potash minerals are taken from the statistical summary, 1936–1938, of the mineral industry of the British Empire and foreign countries, issued by the Imperial Institute, London, S.W.7 (H.M. Stationery Office, price 7s. 6d.). The figures are in long tons.

Producing Country and Description	1936	1937	1938
BRITISH EMPIRE			
Palestine: Muriate (chloride) ..	23,085	35,891	57,200
India: Nitrate (estimated) ..	8,800	8,900	8,100
Australia: Alunite ..	746	334	438
FOREIGN COUNTRIES			
France (b): Sylvinites, etc.—			
K ₂ O equivalent 12–22 per cent. . .	462,528	651,463	815,369
30–40 per cent. . .	144,737	179,397	254,299
50 per cent. and over ..	380,957	499,608	573,265
Germany: Kainite, sylvinites, etc.	10,183,376	12,585,771	(a)
Carnallite, etc. ..	1,393,371	1,646,003	(a)
Italy: Alunite ..	3,913	3,445	2,734
Poland: Kainite ..	87,778	109,598	118,228
Sylvite ..	331,005	389,632	420,593
Langbeinit ..	8,419	14,016	19,338
U.S.S.R.: Crude salts ..	1,769,000	2,400,000	(a)
Eritrea: Niccoli salts ..	300	(a)	(a)
United States: Crude salts ..	385,241	434,009	477,629
Korea: Alunite (impure) ..	112,760	147,000	(a)

Potash minerals are also produced in Spain. (a) Information not available. (b) Crude salts mined were as follows: 1936, 2,090,002; 1937, 2,837,953; and 1938, 3,321,501 long tons.

COMMERCIAL NOTES

U.S.A. Opium Imports.—Imports of crude opium into the United States during the past four years are shown in the following table:—

Country of Shipment	1936		1937		1938		1939	
	lb.	\$	lb.	\$	lb.	\$	lb.	\$
Switzerland ..	2,238	9,487	2,800	11,119	—	—	2,800	11,014
United Kingdom ..	110,621	442,197	103,672	385,804	487	2,283	—	—
Jugo-Slavia ..	10,264	49,023	24,581	101,702	52,655	254,246	89,586	375,353
Turkey ..	4,300	17,820	52,430	163,421	113,177	442,498	76,454	278,045
Holland ..	43,702	190,145	—	—	—	—	—	—
Bulgaria ..	—	—	130	601	1,328	6,157	2,729	10,026
Other Asia ..	—	—	—	—	2,977	10,939	9,142	33,366
Total ..	171,125	708,672	183,613	662,647	170,624	715,123	180,711	707,804

Chinese Mercury Production.—It is reported that the capital of the Kweichow mining administration has been increased to enable the company to expand production of mercury from under 100 tons to 500 tons per annum.

U.S.A. Imports of Hull Cod Liver Oils.—The following are the imports of Hull cod liver oils into the United States during the past three years:—Medicinal oil: 1937, 309,076 gallons; 1938, 208,103 gallons; 1939, 227,039 gallons. The values were \$221,704, \$147,663 and \$123,608, respectively. Poultry oil: 1937, 1,046,260 gallons; 1938, 409,875 gallons; and 1939, 521,242 gallons. The values were \$588,841, \$240,429 and \$209,680, respectively.

Canadian Senega Root Exports.—The table below gives details of Canadian senega root exports during the three years 1936-38:—

To	1936		1937		1938	
	lb.	\$	lb.	\$	lb.	\$
Belgium ..	—	—	6,848	3,253	5,017	2,135
United Kingdom ..	89,882	29,014	131,801	61,086	115,013	47,718
United States ..	128,861	38,157	103,132	47,660	114,309	49,580
Denmark ..	2,666	863	9,451	4,726	12,052	5,610
France ..	10,443	3,526	10,423	5,106	10,918	5,152
Germany ..	36,988	11,753	76,678	37,107	35,520	15,575
Italy ..	578	174	8,198	4,210	2,846	1,584
Netherlands ..	—	—	4,366	2,139	9,075	4,616
Japan ..	28,995	9,004	14,764	6,844	26,530	14,880
Australia ..	—	—	8,393	3,786	9,347	4,436
Total ..	308,033	95,303	376,054	175,917	340,627	151,286

German Chemical Exports.—During 1937 Germany shipped "Chemicals and Related Products" to the United States of America to the value of \$27,226,000. U.S.A. imports from this source during 1938 declined to \$18,642,000. Exports of "Chemical and Medicinal Products" from Germany to Egypt in 1937 totalled £E.12,988, and in 1938 £E.7,102.

U.S.A. Pyrethrum Imports.—The following table shows imports of crude pyrethrum flowers into the U.S.A., 1937-1939:—

Country of Shipment	1937		1938		1939	
	lb.	£	lb.	£	lb.	£
Greece ..	569	99	—	—	—	—
Italy ..	276,807	22,072	28,474	2,031	78,409	9,173
United Kingdom ..	22,046	1,287	33,600	4,914	11,038	1,076
Jugo-Slavia ..	519,099	46,747	218,368	18,355	388,166	50,746
British India ..	—	—	—	—	19,936	4,780
Brazil ..	661	83	497,166	65,874	79,775	9,989
Japan ..	17,849,611	1,994,832	10,895,604	1,781,043	7,585,587	1,636,193
Belgian Congo ..	—	—	—	—	2,205	625
Brit. E. Africa ..	1,422,803	139,331	2,864,205	613,653	5,404,184	1,461,122
Total ..	20,091,596	2,204,451	14,537,417	2,485,870	13,569,300	3,173,604

Southern Rhodesian Foreign Trade.—The value of drugs, chemicals, etc., imported into Southern Rhodesia during 1939, amounted to £475,507, compared with £439,002 in the previous year. Imports of the same group totalled £11,657 in 1939, compared with £8,914 in 1938.

German Imports into Colombia.—Imports from Germany into Colombia during 1938 included the following (in pesos):—Insecticides and disinfectants, 80,194; chemicals for photography, 4,345; essential oils, 6,346; vaccines, 24,710; biological products, 408,889; pharmaceutical specialities, 1,025,031; medicinal cotton, 15,950; and bandages, 30,138.

U.S.A. Wax Imports.—The following table shows the imports of certain waxes into the United States of America during 1938 and 1939:—

	1938		1939	
	lb.	\$	lb.	\$
Carnauba wax ..	12,377,230	3,926,635	16,358,508	4,928,147
Beeswax ..	2,994,655	615,409	4,714,632	949,018
Other vegetable waxes ..	4,235,519	433,765	8,021,408	993,318
Total ..	19,607,404	4,975,809	29,094,548	6,780,483

Increased Export of U.S.A. Toilet Goods.—The value of toilet goods exported from the U.S.A. during December 1939 was \$616,413, compared with \$569,556 in the corresponding month of 1938.

Norwegian Chemical Trade.—The Norwegian chemical trade, which has been expanding during recent years, increased still further in 1939. The latest available figures show a 25 per cent. gain in the value of imports during the year. Imports were valued at 60,800,000 kroner, about half of which comprised pharmaceutical preparations and industrial chemicals. Exports of chemical and allied products totalled 81,634,000 kroner during 1939, compared with 72,800,000 kroner in 1938.

U.S.A. Agar Imports.—Imports of agar into the United States during the past ten years are shown below:—

Year	lb.	\$	Year	lb.	\$
1930	399,000	306,000	1935	451,000	162,000
1931	501,000	325,000	1936	625,000	275,000
1932	480,000	185,000	1937	704,000	418,000
1933	641,000	161,000	1938	589,000	333,000
1934	465,000	156,000	1939	497,000	378,000

German Imports into Cyprus.—Imports from Germany into Cyprus in 1938 included the following:—Chemicals, £6,413; medical and surgical instruments, £3,978; medicines (including drugs), £9,512; perfumery, £1,195; scientific instruments, £2,743; and soap, £216.

Canadian Toilet Preparations Imports.—In 1939 Canada imported toilet preparations to the value of \$533,700, compared with \$440,400 in 1938. During the same period exports were valued at \$422,000.

U.S.A. Acetone Exports Increased.—The quantity of acetone exported from the United States during 1939 totalled 23,115,332 lb., valued at \$1,561,853, compared with 11,212,013 lb., valued at \$934,926 in 1938.

Turkish Liquorice Root Exports.—The following table shows exports of liquorice root from Turkey during the first ten months of 1938 and 1939:—

Destination	1938 (first 10 months)		1939 (first 10 months)	
	Kilograms	Turkish pounds	Kilograms	Turkish pounds
United States ..	8,583,180	498,453	14,359,683	860,347
France ..	1,063,218	78,960	1,602,038	116,852
Belgium ..	289,599	17,842	355,323	23,485
England ..	250,253	19,751	295,520	21,859
Germany ..	64,972	4,897	26,857	2,214
South Africa ..	6,001	578	5,100	560
Australia ..	1,028	79	5,184	447
Syria ..	113,000	1,475	—	—
Argentina ..	500	31	—	—
Total ..	10,371,751	622,066	16,649,705	1,025,764

U.S.A. Camphor Imports.—In 1939, 1,156,888 lb. of crude natural camphor, valued at \$323,213, was imported into the United States from Japan, which source also supplied in the same year 817,852 lb., valued at \$329,122, of refined camphor. Imports of synthetic camphor, principally from Germany, totalled 528,030 lb., valued at \$212,963.

Surtax on Honduras Imports.—Legislative Decree No. 63, which came into operation on February 7, 1940, authorises a special surtax of 1 per cent. on all goods imported (including those by parcel post), except in Puerto Cortes, where a surtax is already in operation.

Netherlands Indies Import Duty Surtax.—The surtax of 50 per cent. of duties levied on most imports will be continued during 1940. Certain specified medicaments, dyes and x-ray films will be charged at full surtax, instead of the present reduced rate of 25 per cent.

U.S.A. Imports of Essential Oils.—Imports of essential oils into the United States during 1939 were as follows:—

Essential oil	lb.	\$
Cassia and cinnamon ..	443,560	247,809
Geranium ..	227,479	472,487
Rose ..	66,551 (oz.)	411,903
Bergamot ..	211,181	713,085
Citronella and lemongrass ..	3,274,886	827,156
Lavender ..	413,423	683,264
Lemon ..	149,419	312,002
Orange ..	237,951	192,925
Sandalwood ..	8,622	29,798
Lime ..	134,320	404,735
Others ..	3,534,343	2,148,544

Palestine Pharmaceutical Exports.—According to an article in the Palestine Press, an Eastern Mediterranean country has requested a chemical research institute in Palestine to prepare fifteen kinds of pharmaceutical products to replace articles formerly purchased by that country from Germany. The article states that numerous Jewish scientists who were formerly employed in German chemical and pharmaceutical plants are now following similar lines of research in Palestine, and that as a result exports of medicinals and pharmaceuticals from Palestine may be expected to increase.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Implications of a Slogan

SIR,—In the statements from candidates for the Pharmaceutical Society's Council (*C. & D.*, April 20, p. 297), there are again to be found variations of the slogan "Pharmacy for the pharmacist." If we are sincere about this slogan, we should be ready to state that it means exactly what it says, namely that only qualified persons should be dispensers in pharmacies, surgeries, dispensaries or elsewhere. Apprentices in training, holders of Apothecaries' Hall certificates, doctors who dispense for themselves would then all have to be taken into account, and arrangements made to arrive at a satisfactory settlement of their positions.—Yours faithfully,

ELECTORAL (20/4).

Repeat Prescriptions

SIR,—I am glad to see that "H. H. L." (*C. & D.*, May 4, p. 340) draws attention to the necessity for constant revision of prices, especially in regard to "repeat" prescriptions. This is a matter which tends to be overlooked. The price of a prescription is marked in the prescription book, and is usually referred to and charged without remembering that the costs may be very much higher under war conditions. I know it is difficult to tell a customer who has had a prescription repeated regularly for a long period that one will have to make a higher charge, but it must be done if one is to keep a proper balance. Customers accept the increased prices for foodstuffs and other commodities, and should recognise that drugs are no more exempt from increase than other goods.

Yours faithfully,

A. PRICE (6/5).

Claims for Proprietaries

SIR,—It might be beneficial if some of the restrictions imposed in the United States by the Food, Drug and Cosmetic Act (*C. & D.*, April 27, p. 326) were introduced here, and extended, where applicable, to proprietary remedies. One of the practices banned is the use of testimonials purporting to come from scientists and physicians, a restriction which would eliminate much of the advertising matter used for proprietaries in this country. Permission is given to use specific endorsements by physicians when truthful, but to confirm the truth of the statement it would be necessary to publish the doctor's name, a procedure which in this country would get the doctor into trouble with the Medical Council. The clause relating to the country of origin would remove the possibility of imparting a certain amount of false glamour to a product by statements that it was used in the East, or that one of the ingredients came from some native source, unless the truth of such statements could be proved.

Yours faithfully,

VERITAS (27/4).

Pharmacists in the Army

SIR,—A remark made at a recent meeting of the Glasgow and South-Western Scottish Branch of the Pharmaceutical Society (*C. & D.* Supplement, May 4, p. xiii) is worth emphasising. A speaker is reported as saying that "there were pharmacists in the Army subordinate to men who knew nothing of pharmacy." It is well to keep in mind the fact that although we are nearly twenty-two years distant from the Armistice of 1918, the position of pharmacists in the Army has not materially changed for the better. The situations that may, and probably do, arise remind me of an incident of the last war. A sergeant-major (unqualified) was instructing his dispensing staff in the names and uses of the drugs they handled. Picking up a container, he remarked: "This is pulv. so-and-so. The dose is grains so-and-so." Realising that something was wrong either with the name of the substance or the dose, a pharmacist among the staff interpolated: "Wouldn't that upset the patient?" "What do you know about it?" snapped the sergeant-major. "Nothing," discreetly replied the pharmacist.—I am, etc.,

OVER AGE (6/5).

Lessons from New Zealand

SIR,—The article "New Zealand Pharmacy Reviewed" (*C. & D.*, May 4, p. 338) states that 1½ millions of people were served by 500 pharmacies—that is, 2,500 prospective customers to each shop. In this country it has been considered that a population of 3,000 is necessary to support a business that will give a reasonable return to its owner. In principle the Pharmacy Act of the Dominion has given pharmacists the right we have been asking for in Britain: restriction of the sale of drugs to chemists. But the schedule of exempted articles contains most of the drugs sold over the counter as household remedies, including proprietary medicines, so that in practice there would seem to be little left of the restriction thus

obtained. Another point is that prescription pricing has been standardised in the Dominion. This is a regulation that might well be adopted here, thus eliminating the present unsatisfactory conditions in which a customer may be charged a different price for the same medicine at each successive pharmacy. In this country a standard price list might not be acceptable in pharmacies established in the West End or fashionable resorts, but it could be adopted as a minimum.

Yours faithfully,

ADJUSTMENT (7/5).

Pharmaceutical Council Election

SIR,—As the chairman of the South-Eastern Joint Pricing Committee, and one who is brought in constant touch with Mrs. J. K. Irvine, I wish to appeal to all members of the Society to give her one vote in the forthcoming election. If we study the Register of the Pharmaceutical Society we cannot but notice the large number of women who have entered pharmacy. This is the argument in favour of at least one woman on the Council. During her period of membership on the Council, Mrs. Irvine has proved her worth as that one lady representative. The wonderful organisation that she conducts for the South-Eastern Pricing Committee at Cedars Road, Clapham, now temporarily at Marlborough, has earned the commendation of authorities brought in contact with this work. I am therefore urging all members to give one vote to her, and I am certain that the other candidates, all of whom are men, will not begrudge her that vote. I speak as I find, not on hearsay, but on direct observation. Mrs. Irvine's continuance on the Council of the Society will help to strengthen the cause of pharmacy, whenever and wherever that cause is contested.—Yours faithfully,

Sittingbourne.

J. E. FRENCH.

MISCELLANEOUS INQUIRIES

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

Alibour Water.—*H. M. H.* (2/5).—This is lotio cupro-zincica of the N.F. and has the following formula:—

Zinci sulph.	..	..	..	..	12 gr.
Cupri sulph.	..	..	..	..	8 gr.
Aq. camph. ad.	..	..	..	..	2 oz. fl.

Cement for Wood.—*G. C. S.* (26/4).—The following formulas will probably be suitable for your purpose:—

I	II
Casein, in powder .. 200 parts	Plaster of Paris .. 4 parts
Camphor, in powder .. 1 part	Acacia 1 part
Quicklime 40 parts	
Mix and keep in a well-closed bottle. For use make the powder into a cream with water and apply immediately.	
Mix with a saturated solution of borax to form a stiff paste. This is useful for cementing pieces of glass, horn, porcelain, ivory, etc.	

Beetle Destroyers.—*S. H. R.* (25/4).—The following formulas will probably be suitable for your purpose:—

I. Red lead 1 part
Sugar 1 part
Flour 1 part
II. Insect powder 1 part
Borax 1 part
III. Exsiccated calcium sulphate .. 5 parts
Flour 1 part

Cellulose Solution.—*W. P.* (29/4).—No formula of quite the type you mention has been given in these columns. A transparent solution for protecting windows was recommended in our issue of December 23, 1939, p. 570, but this consisted of chlorinated rubber varnish, which we do not think it will be practicable for you to make in the pharmacy. Certain paint manufacturers market such a solution. Another recommended method (*C. & D.*, December 9, 1939, p. 570) was to apply transparent cellulose tissue in strips to the glass, fixing it in position with a coating of varnish. A solution of cellulose may be made by dissolving four to six parts of zinc chloride in six to ten parts of water and stirring in one part of cellulose until evenly moistened. This mixture is set aside to digest at a gentle heat. When the cellulose is gelatinised, solution is completed by subjection to water-bath heat, renewing the water that evaporates. We have had no experience with this solution for protecting windows, but you could try it out with a small quantity.

After six months of war, we were able to state (the accuracy of our statements being vouched for by the 825 customers with whom we did business in the period September 1938—August 1939) that:

- (a) we had charged no extras on any order or contract placed previous to the outbreak of war (excepting 12 firms out of 825 from whom was claimed the difference in the value of sterling consequent upon the depreciation of currency, in accordance with a special condition of sale accepted when the order was placed).
- (b) every order and contract accepted previous to the outbreak of war had been completed within a reasonable period.
- (c) no regular customer had been seriously inconvenienced through failure on our part, despite the outbreak of war.
- (d) no customer had been refused a reprint of cartons as previously supplied.
- (e) all offers we had made had quoted a firm price and a time for despatch, no estimates being conditional upon "price ruling at date of delivery," or other such indefinite term.

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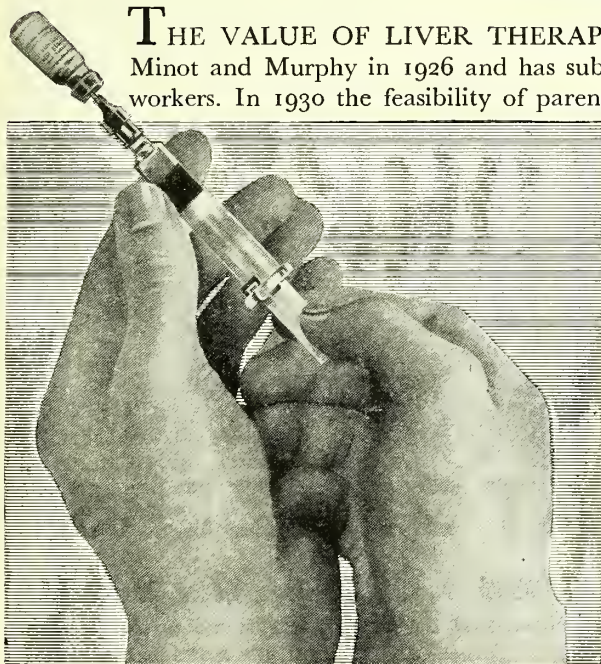
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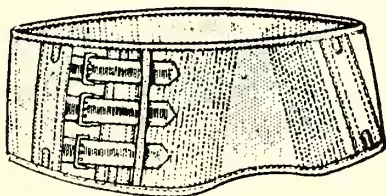
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The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

MAY 11
1940

IMPORTANT NOTICE

The enormously increased cost and compulsory restriction of paper supplies, together with heavy increase in postal rates, have necessitated a revision of our tariff for classified advertisements. Advertisers are asked to note carefully the new rates which are now operative.

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The Chemist & Druggist, 28 Essex St., Strand, London, W.C.2. Tele: Central 6565 (10 lines) Grams: "Chemicus" Estrand, London
Emergency Address: The Chemist & Druggist, The Pitman Press, Bath

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THE ART OF DISPENSING

Re-written, completely revised, with fresh illustrations and new features—this is the most up-to-date book obtainable on the subject of dispensing and compounding. It is in fact an essential part of the equipment of every dispensary. Compiled by experts for the use of the Craft, it simplifies the many problems which frequently arise in the day's work at the dispensing counter.

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The
CHEMIST AND DRUGGIST
28 ESSEX STREET, STRAND, LONDON, W.C.2

THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED

(Business Agency, Transfer & Valuation Department)
KIMBERLEY HOUSE, and at 5 RUMFORD PLACE,
Holborn Viaduct, LONDON, E.C.1 LIVERPOOL, 3.
PARKIN S. BOOTH, Valuer. Tels.: CITY 3691 (4 lines)
VALUATIONS. SALES OF BUSINESSES. STOCKTAKINGS.
Enquiries Invited.

BUSINESS WANTED

WANTED to purchase retail pharmacist's business in good residential and business part. Opportunity for thorough investigation required. 365/379, Office of this Paper.

BUSINESS FOR DISPOSAL

OWNER wishing to retire. Old-established East Lancashire town business. Turnover approximately £45 per week. Family and National Health Insurance connexion. Accountant's figures available. 257/7, Office of this Paper.

BUSINESS OPPORTUNITY

HOVE. Exceptional opportunity occurs for Dispenser to open business in modern block of Shops and Flats where financial assistance will be given by Owners. Little or no capital required. Full details, Day & Sons, Auctioneers, Hove.

AGENCIES

MANUFACTURING Chemists with connexion throughout country desires to take up additional lines. Apply 364/362, Office of this Paper.

ADVERTISING

Lady, aged 30, requires position with Manufacturing Firm. Last five years general pharmaceutical advertising.

Ideas, copy, layout, roughs and finished drawings. Good knowledge reproduction costs, typography. Capable manage advertising department or assist Advertising Manager.

Good appearance, excellent education. Free August or before. Write CDB/131, Office of this Paper.

APARTMENTS

THE HAMPDEN RESIDENTIAL CLUB

A COMFORTABLE club for Gentlemen. Polygon Road, N.W.1, between King's Cross and Euston. 300 Bedrooms, 16s. 6d. to 24s. p.w., including bath and personal services. All meals à la carte. Large Club-rooms, Library, Billiards-room, Reading-room, and Study for students. Prospectus from Secretary. Euston 2244.

EDUCATIONAL

CORRESPONDENCE and Personal Tuition in Optics and Sight Testing.

C. V. BOLTON, F.S.M.C., 49A LEIGH ROAD, LEIGH, LANCs. TEL.: 527.

WANTED

WANTED.—550 Saccharine. Offers to 258/9, Office of this Paper.

FOR SALE

NATIONAL Cash Register going cheap. Smart mahogany finish, everything in order. Write further details, S. Solen, Rosa-Mel Lodge, Francis Road, Pinner, Middlesex.

SITUATIONS OPEN

RETAIL (HOME)

CARDIFF.—Qualified Assistant required as Dispenser. Full particulars, age, height, experience, and salary required, with photo (returnable). R. W. Duck & Son, Ltd., St. John's Square, Cardiff.

LONDON, W.1.—Qualified Assistant (Male) wanted for a West End Dispensing Pharmacy. Applicants are asked to give full particulars, including experience, qualifications, salary required, and when disengaged. 258/15, Office of this Paper.

OXFORD.—Junior Qualified or Unqualified Assistant required for high-class Dispensing Business; excellent opportunity for obtaining really first-class experience, with good prospects; full particulars in first letter; age, height, experience and salary expected, to 365/392, Office of this Paper.

WINDSOR.—Junior Assistant, Qualified or Unqualified, required for high-class dispensing business. Excellent opportunity to gain really first-class experience, with considerable prospects. Write full particulars in first letter: age, height, experience and salary expected, to 365/383, Office of this Paper.

AT LINCOLN.—Unqualified Male Assistant required for High-class Pharmacy. State age, experience, salary required. Battles, Ltd., Stonebow.

BOOTS the Chemists have vacancies for well trained female unqualified assistants, also male unqualified assistants between the ages of 30 and 38. Applications to Boots the Chemists, Retail Staff Dept., Station Street, Nottingham.

CHEMIST-OPTICIAN required for West London suburb. Full particulars of qualifications, experience, age, salary, etc., to 258/11, Office of this Paper.

CHEMIST required to manage a small working-class London business. Good N.H.I. dispensing and counter experience. Apply with full particulars of recent experience, age, salary required, and when available. 257/6, Office of this Paper.

DISPENSING Taught and small wage paid in return for services in Retail Drug Store. Suit refined Lady, preferably with some experience in Retail Pharmacy. South London district. 365/373, Office of this Paper.

LADY Assistant (unqualified) required for a good-class Toilet and Dispensing Business in S.E. London. A comfortable berth. Please send particulars to Bannister & Thatcher, Ltd., 132 Caldmere Road, Walsall, or George's, 1 Burnt Ash Parade, London, S.E.12.

LADY Assistant (unqualified) with good experience in Dispensing. High-class Toilet and Photographic business; of good personality and address. Apply, with full particulars, Meyrick & Davies, Ltd., Wilton Court Pharmacy, Bexhill-on-Sea.

LADY, experienced in Retail Pharmacy, with knowledge of Dispensing. Good saleswoman. South London District. 365/372, Office of this Paper.

OPTICIAN required; registered O.B.A.C.; exempt military service; permanency; Greens and B.R.U. congenial conditions; state fullest particulars including salary required; photo if possible. Successful applicant must become and remain a financial member of an approved Trade Union and must join the Society's superannuation scheme. Address: Pharmacy Manager, Coventry and District Co-operative Society, Ltd., West Orchard, Coventry, not later than May 20th.

PARK PREWETT HOSPITAL BASINGSTOKE, HAMPSHIRE (2,000 Beds)

PHARMACIST (CHIEF) required, male, age 35-50. Temporary appointment only, during hostilities. Must have M.P.S. and experience in large general hospital. Salary £400, non-resident, no emoluments. Apply immediately with copies of recent testimonials and full details to Medical Superintendent.

PROGRESSIVE advertiser, diverting available capital, seeks contact with Qualified Chemist wanting chance to improve and establish position, with view to acquiring business and developing it to mutual advantage. Unimpeachable references required. State age, whether married, qualifications, experience, etc. (copies testimonials only), treated in strictest confidence. Interview London later. Should prove good opportunity for right man. 255/3, Office of this Paper.

QUALIFIED Assistant required for good-class business, principally for Dispensing. Please give full particulars, including salary required, in first letter, and photograph if possible. H. R. Camplin, M.P.S., 5 West Street, Horsham.

QUALIFIED Assistant required immediately, East London district. Apply personally if possible to James Kenton, Ltd., 52 King William Street, London, E.C.4.

QUALIFIED Assistant wanted for high-class business West End. Write, stating age, experience, salary, to Bird & Storey, 1 Marble Arch, W.1.

QUALIFIED MANAGER wanted for West-End Pharmacy: apply The Hygienic Stores, Ltd., 143 Charing Cross Road, London, W.C.2.

QUALIFIED Man class family congenial district. managerial record previous experience this Paper.

THE LOGE

PHARMACIST non-resident of war. Home beds, present salaried salary and pension Waterloo L.

UNQUALIFIED immediately. Galenicals, etc., 17, Market Place, New York.

UNQUALIFIED in working-class district, and required, to A. R. WANTED immediate Institution, 1 and light; salary £2 and furnish references. The Dispensary, G.

WOMAN M.P.S. wanted with not required in first tier woman with s of this Paper.

YOUNG Lady A work but able giving particulars & Maddison, 150 G.

YOUNG Qualified dispensing and h

VA LONDON Co-oper Qualified Loc possibility of perma Manager, 24 Martin MANCHESTER August or Ju Cuttifford, Chemist, STONHAM of Ma 8 weeks as rel quired, and enclose Ltd., 70 Bank Street

LONDON Area. lines. Commis NORTHERN IR important, ve Toilet Articles mected distribution. with well-established Buyers throughout opportunity and ne the ground systems but fully half-time i be care owner. State of experience and p

A CAPABLE and leading toilet Grimsby district to provide own car and

A LADY Assistant established ch salary desired to 365

A REALLY first-class Yorkshire and particular business, work hard to make permanent pensiona over military age pr Write Box M.15 c/o

ASSISTANT PH required by L Agency Hospital. B Pharmaceutical Soc sionable. For applic addressed foolscap Department, County of women. Canvassi

for medium to good V. London; pleasant, personality, and good manners, including age, free. 258/18, Office of

HOSPITAL

SEX

red, resident, or ment for duration 500 emergency ily immediately assistance Officer,

ilitary service, wanted in the manufacture of er. Apply, with full as not answered within & Metcalf, Chemists,

ounter and dispensing experience, and salary d, Hull.

M.P.S., for Provident on attached, with heat ing age, qualifications, y, 1940, to Secretary, h, Lincs.

il Shop management, trial period. Capital enterprising. Adver- ence. 365/378, Office

quid. Mainly Counter holiday duty. Apply, y required to Pond N.W.11.

to for good-class Dis- ne, Chislehurst.

LOCUMS

ne services of two fully len four months, with instance to Pharmacy do 3.15.

wanted for 3 weeks in ating terms, etc., to

locum (Male) for 6 to d available, salary re- Ross, Stonham & Son,

LE

bove. Old-established Office of this Paper.

entative required by a of Perfumery and good if locally neg- entusiastic workers ists and Perfumery ent offers excellent e salesman covering ney not objected to, our interests. Must sible, and full details Office of this Paper.

about 40, wanted by in Hull, Doncaster, lists. Must be able to of this Paper.

department of old- age, experience and

all upon Chemists in the finest man in his ord and prepared to ed commission and a fied Chemist or man ing sales experience. C.2.

n), aged under 40, ty at Sutton Ener- re. Must possess £225 to £275. Pen- y 18, send stamped (A), Mental Hospitals nates service in case

ASSISTANT required for wet and dry drug counter. State age, experience, and wages required, to Drug Manager, Timothy Whites & Taylors, Ltd., Chandos Street, Portsmouth.

COSTING Clerk required by C. R. Harker, Staggs & Morgan, Ltd., Emmott Street, Mile End, E.1.

COUNTER hand required by firm of chemical manufacturers. Write, stating age, experience and salary required, to 364/367, Office of this Paper.

INVOICE Clerk required for London Wholesale Druggists. Write stating experience, etc., 365/381, Office of this Paper.

JUNIOR Clerk, required by Manufacturing Chemists in Buying Department. Applicant must be accurate at figures; some knowledge of typing an advantage; letters only, stating age, full particulars as to education, experience, if any, salary required, etc., Buyer, H. and T. Kirby & Co., Ltd., Willesden Green, N.W.2.

LABORATORY Assistant, female, Inter.B.Sc. standard for manu- facturing chemist's laboratory, write full details, experience and salary, 365/290, Office of this Paper.

LEADING London Wholesale Library requires Keen Men to take advantage of the present boom in Library Books to secure Agents. Good commission. Men most wanted are those with connexions who can introduce sound business. Write, Scott's Libraries, Newgate Street, E.C.1.

MANUFACTURING Chemists require expert with chemical propa- ganda and export experience. Application with references and stating salary required to 365/380, Office of this Paper.

NATIONALLY advertised Cosmetic Manufacturers require live representative Lancashire, etc., area having good connexion retail chemists, hairdressers, etc. Reply, giving full details, age and experience, etc. 365/384, Office of this Paper.

OLD-established firm requires experienced representatives all coun- ties for the sale of Packed and Bulk Surgical Rubberware to Chemists, Surgical Stores, etc. Expenses and commission basis. Apply by letter giving full particulars. H. Foot & Co., Aigburth, Liverpool, 17.

PACKING and dispatch foreman over military age required by manufacturing chemists 20 miles from King's Cross. Full details experience to 365/385, Office of this Paper.

SALES Manager's Assistant. Accustomed to home and export trade in pharmaceutical and medical specialties. Male or female. Write full particulars, experience and salary. 365/389, Office of this Paper.

SALES Representative required for disposal of general requirements to Veterinary Surgeons in Southern Counties; connexion essential. Apply, 365/386, Office of this Paper.

SAVORY & MOORE, Ltd., require the services of a young Qualified Assistant for Pharmaceutical and Packing Departments. Apply by letter to ref. A.J.V.F., Standard Works, Lawrence Road, N.15.

TABLET Maker and Sugar Coater wanted, for London Wholesale Druggists. 365/382, Office of this Paper.

THE Spirella Company of Great Britain, Ltd., invite applications from travellers (preferably middle-aged) already handling another branded line and making regular calls on chemists and druggists; attractive terms. Reply in confidence, in first instance, to Spirella, Men's Belt Department, Letchworth, Herts.

WAREHOUSEMAN required by London Manufacturing Chemists handling Proprietaries. Full details age, experience to 364/357, Office of this Paper.

SITUATIONS WANTED

RETAIL (HOME)

A.A.A.A. Manager (39), Qualified, smart appearance, good address and personality, very active; excellent sales record, West-End and all-round experience; high-class toilets, perfumery and cosmetics; free. "Chemist," 12 Sandown Drive, Sale, Manchester.

AS Manager or Senior Assistant, age 33. First-class experience, dispensing, counter, photography, buying and stock-keeping—"Pharmacist," 20 The Crescent, Northwich.

ASSISTANT, over 17 years' varied experience; five years' apprenticeship (indentured). West End, country and watering-place. Dispensing, photo, veterinary. Registered Dentist (prescribed exam.). Over military age, seeks position of trust. "D," 42 Preston Road, Brighton.

ASSISTANT, Unqualified (35), excellent Salesman, Window-dresser, Dispenser. Knowledge of Photographic goods and Book-keeping. Please write "S," 24 The Risings, Walthamstow, E.17.

PHARMACEUTICAL Chemist (lady) conscientious and reliable, middle aged, desires dispensing and counter work—254/1, Office of this Paper.

QUALIFIED (24), 7 years' experience in all classes of business; at present in West End; used to high-class dispensing, toilet and photographic. Permanency required, City, West End, or N.W. suburbs, as Senior Assistant or Manager, 257/3, Office of this Paper.

LOCUMS SEEKING ENGAGEMENTS

EXPERIENCED Pharmacist, Locum (33), free June 17 to 29, September 9 onwards. Five guineas weekly, anywhere. CDB/134, Office of this Paper.

WHOLESALE

PHARMACIST with good knowledge of Portuguese and practical acquaintance with Portuguese pharmacy offers services in advisory capacity, 254/7, Office of this Paper.

MANAGING Clerk, 28, having to register this month, but rejected for voluntary military service on account of Grade III Medical Category (defective vision, but perfectly fit), seeks onerous post, preferably in connexion with export drive. Over three years' good experience in all branches of ethical medical publicity, forceful correspondent in English, German and French, good working knowledge of Spanish and Italian. J. Witriol, 92 Newington Butts, London, S.E.11.

REPRESENTATIVE with car, for leading Paper House, having sound connexion among Chemists in London and Hampshire, desires war-time representation with well-known non-competitive lines. 258/10, Office of this Paper.

REPRESENTATIVE, 10 years' experience Lancashire and Cheshire Chemists, Hairdressers and Stores, desires additional advertised line; part expenses commission basis. CBD/132, Office of this Paper.

SALES Executive. Over military age. Experienced Sales and Office Organisation. Knowledge medical propaganda. Good organiser. 365/387, Office of this Paper.

MISCELLANEOUS

AUTOWAY Personal Weighing Machines overhauled and made like new; moderate charge; transport arranged; old models traded out for new machines. Autoway Co., 13 Wellington Street, Glasgow.

BATTERIES, No. 8, Empire Made (supercharged 3 volt) 2s. dozen. TORCHES (metal No. 8 size), 10s. 6d. dozen, complete.

Nett Cash with order, carriage paid. Minimum 20s. Immediate delivery. Victoria Pharmacy, Ltd. (Whole- sale Dept.), Dolphin Square, Westminster, S.W.1.

SECOND-HAND Microscopes. A large selection: instruments for all purposes; best makers, faultless condition. 2d. stamp for list. Chards, Specialists, Forest Hill, London, S.E.23.

WANTED CASH REGISTERS, National, Remington, etc., also Personal Weighers, Avery preferred. Spot cash, prompt attention, any quantity, anywhere. Phone NATIONAL 0674. Write or call. Deiches, 78 Long Lane, Aldersgate Street, E.C.1. Personal attention.

£?—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our Showrooms a Complete Chemist's Shop with Metal Shop Front, Window Backs, Correct Window Lighting, Signs and Modern Interior Fittings. Apply for Lists, D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

LATE NEWS

Chromium Compounds.—Under the Import of Goods (Prohibition) (No. 18) Order, 1940, chromium compounds have been added to the classes of goods which may be imported only under licence issued by the Board of Trade. The Order covers not only such compounds as chromium acetate, chromium sulphate, chromic acid, and chrome mordants, etc., but also such substances as chromates and bichromates. The Order will come into force on May 10, 1940.

Myrobalans and Tanning Extract of Chestnut.—At the request of the Ministry of Supply the Board of Trade have issued an Order, the Import of Goods (Prohibition) (No. 17) Order, 1940, adding the following goods to the list of those subject to the Import Licensing Regulations: Myrobalans, tanning extract of chestnut. The Order will come into operation on May 10, 1940, but goods covered by the order, which are proved to the satisfaction of the Customs authorities to have been dispatched to the United Kingdom before the Order came into force will not require a licence. With a view to facilitating supplies, equalising prices, and securing the equitable distribution of certain tanning materials, a purchasing pool is being established, and the object of this Order is to ensure that the two tanning materials above referred to should reach the pool on importation into this country.

Trade Report

ANTIMONY.—English regulus, £106. Continental regulus, £98 to £99 per ton, duty paid.

CARDAMOMS.—Values unchanged; no business passing. Ceylon, bleached, bold, 5s.; medium pale, 3s. 9d. to 4s.; small, 3s. 6d.; Bombay seed, 4s. 6d. per lb.; Mangalore seed, 4s. 3d.; Aleppy greens, spot, 3s. 3d. to 3s. 4d.; shipment, 2s. 6d., c.i.f.

LAVENDER FLOWERS.—Good blue French flowers are worth about 175s. per cwt., ex store.

NEW BOOKS

Stock Exchange Ten-year Record.—10½ in. by 7½ in., pp. 598. 20s. Fredk. C. Mathieson & Sons, 16 Copthall Avenue, London, E.C.2. [This useful reference book gives the highest and lowest prices and dividends of shares quoted on the Stock Exchanges over the past ten years. The book includes transactions in the lesser known shares, which are quoted only on the Provincial Stock Exchanges, as well as those officially quoted on the London Stock Exchange. A feature of particular value to surtax payers and those entitled to income tax relief is that, except in the mining section, every variable dividend is set out with the time of payment.]

Bennett, H.—*Standard Chemical and Technical Dictionary.* 9 in. by 6 in., pp. 638. 60s. Chemical Publishing Co., Inc., New York (E. & F. R. Spon, Ltd., 57 Haymarket, London, S.W.1). [Over 25,000 definitions are contained in this volume, including those on industrial products, chemicals, trade names, etc. The scope of the dictionary covers definitions in the fields of chemistry, physics, biology, mathematics, engineering, technology, etc. A useful chapter is also included on the pronunciation of chemical words. Sixteen pages are given at the end of the book to lists of abbreviations and contractions which are likely to be met with in scientific literature and of Greek, mathematical and apothecary symbols. It is evident that the object of the author has been to include many terms which have come into use comparatively recently, and the material is presented in a way in which the required information can quickly be found.]

Girshinfeld, Louis.—*Biological Products.* 9½ in. by 6½ in., pp. 280. \$4.15. Romaine Pierson Publishers, Inc., 93 Nassau Street, New York. [This work has been compiled by an acknowledged American authority as the first of its kind on the history, manufacture, composition, uses, preservation and standardisation of this class of preparation. The author makes no attempt to expound the various theories on immunity, but confines his observations entirely to the more important biological products used in modern medical practice. The opening chapter deals with general considerations of biological products, their preservation and marketing in the dried state, and sanitary standards for manufacturing establishments. In subsequent chapters a more detailed study is made of such products as antitoxins, venoms, antibacterial and immune human serums, vaccines, culture filtrates, toxins and toxoids, tuberculins, antigens, bacteriophages, viruses and allergens. Many of the processes in the manufacture of the products described are illustrated by photographs taken in the laboratories of the larger American manufacturing houses. The volume will be welcomed not only by both students and practitioners in pharmacy and medicine but also by bacteriologists and laboratory technicians as a valuable source of information on a branch of science which has come to the fore in recent years.]

May, P., and G. M. Dyson.—*May's Chemistry of Synthetic Drugs.* 4th edition. 8½ in. × 5½ in., pp. 370. 21s. Longmans, Green & Co., 39 Paternoster Row, London, E.C.4. [This work on the chemical nature of synthetic drugs has been rewritten and considerably enlarged as a result of recent discoveries of new types of substances of therapeutic importance. Thus hormones, vitamins, sulphonamides and other organic substances are dealt with and lead to the admission that it is virtually impossible to predict the pharmacodynamic properties of a drug from its chemical and physical properties. On the other hand it is emphasised that the advances in practical knowledge are far-reaching. Despite this lack of correlation between physiological action and chemical constitution, the grouping of the synthetic drugs into chapters dealing with anaesthetics, antipyretics, alkaloids, antiseptics, etc., preserves the continuity of structural relationship between the effects of various chemical groupings and assists greatly in the understanding of their medicinal properties. The new matter is interpolated either in the original chapter (e.g. the new local anaesthetics with atropine and the tropeines) or form the subject of a new chapter (as in the case of hormones and vitamins). The variety of the additions exemplifies the increasing complexity of modern therapeutics and the book is a necessity for chemists who wish to understand the constitution and character of synthetic drugs.]

MEMORANDUM ON TYPHOID FEVER.—A memorandum on typhoid fever has been issued recently by the Ministry of Health; it deals with the history, prevalence, diagnosis, prevention and control of the disease, and contains an appendix on laboratory diagnosis. Copies of the Memorandum (225/Med.) can be obtained from H.M. Stationery Office, Kingsway, London, W.C.2, price 2d.

INSURANCE ACT DISPENSING

ENGLAND AND WALES

Blackburn.—The Insurance Committee recently agreed that the dispensaries of chemists under contract with the Committee might close at 7.15 p.m. on Monday, Tuesday, and Wednesday, 12.30 p.m. on Thursday, and 8 p.m. on Friday, and Saturday, remaining open for dispensing between 6 p.m. and 7 p.m. on Thursdays and Sundays in accordance with existing rota arrangements. In February more prescriptions were issued than for any month since the inception of the Insurance Act the total being 49,084, at a cost of £1,864.

Plymouth.—Payment to chemists in the Insurance Committee's area for January was the highest on record, at £1,583.

South-West Lancashire and Cheshire.—The following table gives comparative data relating to prescriptions in the Joint (Prescriptions) Committee's area between 1916 and 1939. The 1916 figures do not include Cheshire:—

Year	Prescriptions	Total cost	Average dispensing fees	Average cost per prescription
		£	d.	d.
1916 ..	1,203,927	30,872	2.84	6.60
1919 ..	1,722,931	60,469	3.71	8.31
1924 ..	2,763,165	100,806	4.48	8.76
1929 ..	4,004,190	140,737	4.40	8.44
1934 ..	4,235,379	140,036	4.36	7.94
1938 ..	4,922,561	171,112	4.29	8.35
1939 ..	4,939,455	176,460	4.29	8.57
	23,791,608	820,492		

The following table compares statistical data of the various Insurance Committees in the area:—

Committee	Total prescriptions	Average per script	Cost of ingredients	Total cost	Average per prescription	Insured persons
			£	£	d.	
Birkenhead	286,424	1.45	5,567	10,651	8.92	60,37
Bootle ..	155,078	1.46	2,351	5,060	7.83	32,23
Cheshire ..	1,323,033	1.37	27,164	51,210	9.29	274,30
Chester ..	72,593	1.46	1,676	2,991	9.89	19,65
Liverpool ..	1,863,336	1.46	29,615	62,431	8.04	337,90
St. Helens	198,755	1.29	3,175	6,742	8.14	46,21
Southport ..	120,994	1.27	2,614	4,866	9.66	31,99
Stockport ..	376,940	1.35	6,417	13,212	8.42	64,61
Wallasey ..	157,372	1.39	3,363	6,222	9.49	34,16
Warrington	190,160	1.45	3,144	6,482	8.18	38,07
Wigan ..	194,770	1.29	3,025	6,593	8.13	39,27
Totals and Averages	4,939,455	1.40	88,111	176,460	8.57	978,80
1938 ..	4,922,561	1.39	83,200	171,111	8.35	938,72

Stockport.—£13,117 was paid to chemists in the Insurance Committee's area for drugs and appliances supplied during the year; 376,940 prescriptions were dispensed, the highest number during any year since the inception of medical benefit in 1913.

Warwickshire.—The cost per prescription in the Insurance Committee's area during January was 9.0d., and per insured person 4.1d. £17,697 was paid to chemists in 1939 for drugs and appliances. Chemists on the panel number 200, with 325 shops

SCOTLAND

Selkirkshire.—An increase of 2,651 in the number of prescriptions dispensed in the Insurance Committee's area in 1939 compared with the previous year, is reported. The total was 19,771, at a cost of £1,558, compared with 17,120 and £1,251 in 1938. Insured persons on the register at the end of 1939 numbered 10,928, eight more than at the end of 1938.

West Lothian.—For the first nine months of 1939 the average cost of prescriptions in the Insurance Committee's area was 15.65 pence per person. Payment to chemists for the three most recent monthly periods for which figures are available were £229, £226 and £222.

BRITISH MADE CHEMICALS

ACETYL SALICYLIC ACID B.P.

ASPIRGRAN

ACROSYL

BENZOIC ACID B.P.

CARBOLIC ACID (Pure Phenol)

CRESOL B.P.

DIETHYL PHTHALATE

DISINFECTANTS

LYSOL-MONSANTO B.P.

METHYL SALICYLATE B.P.

PARACHLORMETACRESOL

PARACHLORMETAXYLENOL

PHENACETIN B.P.

PHENOLPHTHALEIN B.P.

SALICYLIC ACID B.P.

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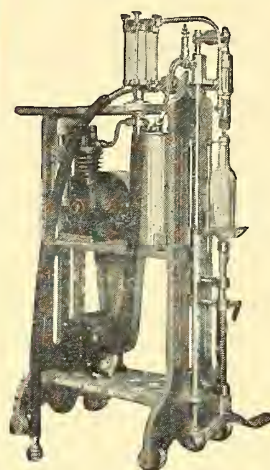
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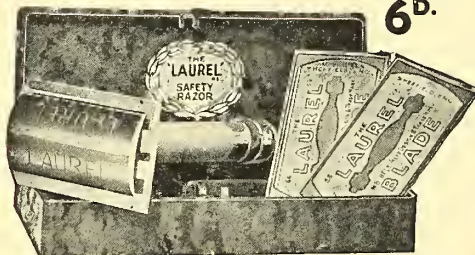
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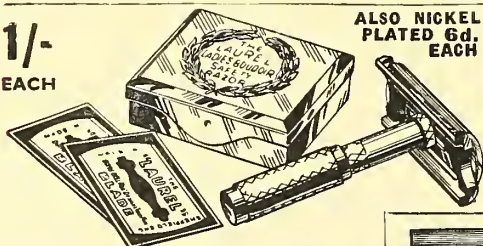
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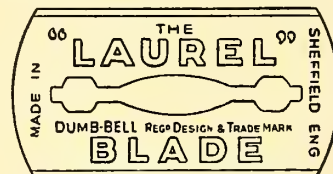


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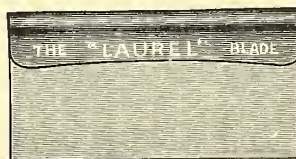
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